

SQ	Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;	
	Query Match 100.0%; Score 1174; DB 9; Length 1174;	
	Best Local Similarity 100.0%; Pred. No. 0;	
	Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
QY	1 CGGACGCGTGGGGAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60	
Db		
QY	61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCTCTGGGTGAGACCCCAACTGGGGCTCCCG 120	
Db		
QY	121 CCGCTGCTGCTGACACCATGGCCCTTGGCCGAGGTTCCGGACCCGCTTCGGCTGAAGCA 180	
Db		
QY	181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCAGTTGACCTACCCC 240	
Db		
QY	241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300	
Db		
QY	301 TCAATTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAATTAATTTGGAATGTGAA 360	
Db		
QY	361 TCTGCATGTACAGAAGCATATTTCCCAATCTGTAGAGCAATATGCTTGGCCATCTTGGTTGC 420	
Db		
QY	421 CAGAATCAGCTGCCATTCCGTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480	
Db		
QY	481 ATGCACCTACTCTTTTCCCTTAACCTCTGGTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540	
Db		
QY	541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600	
Db		
QY	601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTGGAGCAGGAGCCTACA 660	
Db		
QY	661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCTTAAAGATGCCCTCTCTCTTAAC 720	
Db		
QY	721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780	
Db		
QY	781 TCTGGGTGGATTTTAACTAACAATCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840	
Db		
QY	841 TGTGCAACTGTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900	
Db		
QY	901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960	
Db		
QY	961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCTCTACCTACAAAAGTGAAT 1020	
Db		

QY	1021 CTGCTCATTTCTGAAATTTAAGCATTTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080	
Db		
QY	1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCTTAAGAAATCA 1140	
Db		
QY	1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174	
Db		
	CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174	
RESULT 158		
ADE17721		
ID	ADE17721 standard; cDNA; 1174 BP.	
XX		
AC	ADE17721;	
XX		
DT	29-JAN-2004 (first entry)	
XX		
DE	Human PRO polynucleotide #136.	
XX		
KW	Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;	
KW	tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;	
KW	cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;	
KW	liver; microvascular endothelial cell; glucose; FFA;	
KW	skeletal muscle cell; adipocyte cell; pericyte cell;	
KW	inner ear utricular supporting cell; T-lymphocyte cell;	
KW	endothelial cell tube formation; bone disorder; cartilage disorder;	
KW	sports injury; proteoglycan; articular cartilage defect; osteoarthritis;	
KW	rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;	
KW	immune system cell infiltration.	
XX		
OS	Homo sapiens.	
XX		
PN	US2003199023-A1.	
PD		
XX	23-OCT-2003.	
PF		
XX	17-APR-2002; 2002US-00124821.	
PR	31-MAR-1997; 97WO-US005230.	
PR	12-JUN-1998; 98WO-US012456.	
PR	14-JUL-1998; 98WO-US014552.	
PR	28-AUG-1998; 98WO-US017888.	
PR	10-SEP-1998; 98WO-US018824.	
PR	14-SEP-1998; 98WO-US019093.	
PR	14-SEP-1998; 98WO-US019094.	
PR	14-SEP-1998; 98WO-US019177.	
PR	16-SEP-1998; 98WO-US019330.	
PR	17-SEP-1998; 98WO-US019437.	
PR	07-OCT-1998; 98WO-US021141.	
PR	29-OCT-1998; 98WO-US022991.	
PR	29-OCT-1998; 98WO-US022992.	
PR	20-NOV-1998; 98WO-US024855.	
PR	01-DEC-1998; 98WO-US025108.	
PR	05-JAN-1999; 99WO-US000106.	
PR	08-MAR-1999; 99WO-US005028.	
PR	10-MAR-1999; 99WO-US005190.	
PR	10-MAR-1999; 2000WO-US006319.	
PR	20-APR-1999; 99WO-US008615.	
PR	14-MAY-1999; 99WO-US010733.	
PR	02-JUN-1999; 99WO-US012252.	
PR	01-SEP-1999; 99WO-US020111.	
PR	08-SEP-1999; 99WO-US020594.	
PR	13-SEP-1999; 99WO-US020944.	
PR	15-SEP-1999; 99WO-US021090.	
PR	15-SEP-1999; 99WO-US021547.	
PR	05-OCT-1999; 99WO-US023089.	
PR	29-NOV-1999; 99WO-US028214.	
PR	30-NOV-1999; 99WO-US028313.	

PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX PA

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-900155/82.
DR P-PSDB; ADE17722.

XX
PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.

XX
PS Claim 2; SEQ ID NO 271; 637pp; English.

XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.

XX
SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db |||||
1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GCGAACAAAGATGGCGGCGCCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db |||||
61 GCGAACAAAGATGGCGGCGCCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180
Db |||||
121 CCGCTGCTGCTGTGACCATGGCCCTTGGCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGCTCTTGGGTGATACGGCGCTTTCGCCACCGGGCCCTGTCAGTTGACCTACCCC 240
Db |||||
181 TTTGACTCGGCTCTTGGGTGATACGGCGCTTTCGCCACCGGGCCCTGTCAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
Db |||||
241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAATCGAACTAAATTTGAATGTGAA 360

Db 301 TCATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGATGTGAA 360
QY 361 TCTGCATGTACAGAACATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAACATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAAGAACAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAAGAACAACTTATGTCCTGATGCCAAA 480
QY 491 ATGCACCTACTCTTTCTCTCTAACTCTGCTGAGGTCACTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTCTAACTCTGCTGAGGTCACTCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAAACCCTCTTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAATA 600
Db 541 GCACAGAGCTTCATAAACCCTCTTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
QY 661 AATTGAGAGAAATCACTCTAAGCAAAATGTCCTATCTGCAATAGAGAAATTCACAGCG 720
Db 661 AATTGAGAGAAATCACTCTAAGCAAAATGTCCTATCTGCAATAGAGAAATTCACAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 159
ADD91853
ID ADD91853 standard; cDNA; 1174 BP.
XX
AC
XX
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polynucleotide #136.
XX
KW Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; kidney; rectum; cervix;

KW liver; microvascular endothelial cell; glucose; PFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
OS
XX
PN US2003199053-A1.
XX
PD 23-OCT-2003.
XX
PF 12-APR-2002; 2002US-00121053.
XX
PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.

PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-900164/82.
P-PSDB; ADD91854.

Two hundred and seventy five nucleic acids encoding PRO polypeptides,
useful for treating pericyte-associated tumors, diabetes and various bone
and/or cartilage disorders, e.g. arthritis.

Claim 2; SEQ ID NO 271; 636pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC the proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.

XX
SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCGCGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCG 120
Db 61 GGGAAACAAGATGGCGCGCGCGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCGGAGGTTTCGGGACCGCTTCGGTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCGGAGGTTTCGGGACCGCTTCGGTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTCCACCGGCGCTTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTCCACCGGCGCTTCAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTTGTACGCATGTGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTTGTACGCATGTGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGATGATGGAATGACTTAATCGAATCGAATCGAATCGAATGTA 360
Db 301 TCAATTTGTGAGTTTGTGATGATGGAATGACTTAATCGAATCGAATCGAATGTA 360
QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCTATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCTATCTTGGTTGC 420
QY 421 CAGATCAGCTGCCATTTCGCTGAACCTGAGACAAAGAACTTATGTCCTGATGCCAAA 480
Db 421 CAGATCAGCTGCCATTTCGCTGAACCTGAGACAAAGAACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTTAACCTCTGGTGAGGTCATTTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTTCTTAACCTCTGGTGAGGTCATTTGGAGTGACATGAGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGGAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGGAGGAGCTTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db |||||||
QY 781 TCTGGGTGGAATTTAACTACAACCTTGTCTCTCGGTGATGGTATTGCTTTGGATTTGT 840
Db |||||||
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db |||||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db |||||||
QY 961 GTTGTAGATCTAAAAGCTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db |||||||
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db |||||||
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA 1140
Db |||||||
QY 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db |||||||

RESULT 160
ADE33316
ID ADE33316 standard; cDNA; 1174 BP.
AC ADE33316;
XX
XX 29-JAN-2004 (first entry)
DT Novel human secreted and transmembrane protein PRO195 cDNA.
DE Human; secreted and transmembrane protein; PRO; gene; ss;
XX Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; PFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.

XX Homo sapiens.
OS
XX US2003194767-A1.
XX
PD 16-OCT-2003.
XX
PF 16-MAY-2002; 2002US-00147497.
XX
XX 26-AUG-1998; 98US-0097951P.
PR 02-JUN-1999; 99WO-US012252.
PR 25-AUG-1999; 99US-00380137.
PR 30-MAR-2000; 2000WO-US008439.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

DR WPI; 2003-899786/82.
DR P-PSDB; ADE33317.
XX
PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX
PS Claim 2; SEQ ID NO 271; 636pp; English.
XX
CC The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating the proliferation or differentiation of chondrocyte cells,
CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from PBMC cells, for inhibiting the binding of
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
CC in assays to identify other proteins or molecules involved in binding
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This sequence encodes
CC a novel human secreted and transmembrane PRO polypeptide.
XX
SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db |||||||
QY 1 CGGACGCGTGGGGAAACCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db |||||||
QY 61 GGGAACAAGATGGCGGCGCGGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db |||||||
QY 61 GGGAACAAGATGGCGGCGCGGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
Db |||||||
QY 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGTCTTTGGGTGATACGCGTCTTTGCCACCGGGCCCTGTTCAGTTGACCTACCCC 240
Db |||||||
QY 181 TTTGACTCGTCTTTGGGTGATACGCGTCTTTGCCACCGGGCCCTGTTCAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCTTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGGTTTCAGGCTGTTT 300
Db |||||||
QY 241 TTGCACACCTACCCTTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGGTTTCAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAATCGAACTAAATTTGAAATGTGAA 360
Db |||||||
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAATCGAACTAAATTTGAAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db |||||||
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTGCTGTAAGTACAGACAAGAACTTATGTCCTGATGCCAAAAA 480

Db 421 CAGAAATCAGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAAATCCAGTACGCCACCAATTTGGAGCAGGAGCCTTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAAATCCAGTACGCCACCAATTTGGAGCAGGAGCCTTACA 660
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAAATGTCCTATCTGCAAAATGAGAAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAAATGTCCTATCTGCAAAATGAGAAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAATGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAATGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCCTCTCGGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCCTCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTCTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTCTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 161

ADE33868

ID ADE33868 standard; cDNA; 1174 BP.

XX

AC

XX

DT

XX

DE

XX

KW

KW

KW

KW

KW

KW

KW

XX

OS

XX

Novel human secreted and transmembrane protein PRO195 cDNA.

Human; secreted and transmembrane protein; PRO; gene; ss;

Tumour necrosis factor alpha release; TNF-alpha release;

glucose uptake modulator; FFA uptake modulator;

cell proliferation stimulator; cell differentiation stimulator;

cell differentiation inhibitor; cytokine release stimulator; tumour;

lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;

cervical tumour; liver tumour; chromosome mapping; gene mapping;

gene therapy; chromosome identification; chromosome marker.

Homo sapiens.

PN US2003194791-A1.

XX

PD

XX

PF

XX

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

PR

OY 961 GTTGTAGATCTAAACTGAAGATCATGAAGACGAGGCGCTCTACCTACAAAAGTGAAT 1020
DB |||||
961 GTTGTAGATCTAAACTGAAGATCATGAAGACGAGGCGCTCTACCTACAAAAGTGAAT 1020
OY 1021 CTTGCTCATCTCTGAATTTAAGCAATTTTCTTTTAAAGACAAAGTGTAATAGACATCTAA 1080
DB |||||
1021 CTTGCTCATCTCTGAATTTAAGCAATTTTCTTTTAAAGACAAAGTGTAATAGACATCTAA 1080
OY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTAAAGAAATCA 1140
DB |||||
1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTAAAGAAATCA 1140
OY 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
DB |||||
1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 162
ADD79920
ID ADD79920 standard; cDNA; 1174 BP.
XX
AC ADD79920;
XX
DT 29-JAN-2004 (first entry)
XX
DE cDNA encoding human PRO polypeptide #136.
XX
KW Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003207417-A1.
XX
PD 06-NOV-2003.
XX
PF 07-MAY-2002; 2002US-00140805.
XX
PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 2000WO-US006319.
PR 14-MAY-1999; 99WO-US008615.
PR 02-JUN-1999; 99WO-US010733.
PR 01-SEP-1999; 99WO-US012252.
PR 08-SEP-1999; 99WO-US020111.
PR 13-SEP-1999; 99WO-US020594.
PR 15-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.

PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00850216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

XX PA (GETH) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-875867/81.

DR P-PSDB; ADD79921.

XX

PT New PRO nucleic acid, useful for manufacturing a medicament for

PT diagnosing or treating tumor, for chromosome mapping or for tissue

PT typing.

PS Claim 2; Fig 271; 638pp; English.

XX

CC The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating

CC proliferation of or gene expression in pericyte cells, for stimulating

CC the proliferation of inner ear utricular supporting cells or T-lymphocyte

CC cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and

CC arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems,

CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

CC polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalasaemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This

CC sequence encodes a human PRO polypeptide of the invention. Note: The

CC sequence data for this patent is also available in electronic format from

CC the USPTO website at seqdata.uspto.gov.

XX

SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 9; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGGTTGCAGGCTGTTT 300

Qy 301 TCAATTTGTGAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360

Db 301 TCAATTTGTGAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360

Qy 361 TCTGCATGTACAGAAAGCATATTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGCTTGC 420

Db 361 TCTGCATGTACAGAAAGCATATTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGCTTGC 420

Qy 421 CAGAATCAGCTGCCATTTCGCTGAATGAGCAAGAACAACAACTTATGCTCCCTGATGCCAAA 480

Db 421 CAGAATCAGCTGCCATTTCGCTGAATGAGCAAGAACAACAACTTATGCTCCCTGATGCCAAA 480

Qy 481 ATGCACCTACTCTTTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540

Db 481 ATGCACCTACTCTTTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540

Qy 541 GCACAGAGCTTCATAACCTCTTCACTGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600

Db 541 GCACAGAGCTTCATAACCTCTTCACTGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600

Qy 601 GTTATATTTCCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGAGCCTACA 660

Db 601 GTTATATTTCCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGAGCCTACA 660

Qy 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720

Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720

Qy 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780

Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780

Qy 781 TCTGGGTGGAATTTAACTACAACCTCTGTCTCTCGGTGATGTTGTTTGGATTTGT 840

Db 781 TCTGGGTGGAATTTAACTACAACCTCTGTCTCTCGGTGATGTTGTTTGGATTTGT 840

Qy 841 TGTGCAACTGTGTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

Db 841 TGTGCAACTGTGTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960

Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960

Qy 961 GTTGTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGGCTCTACCTACAAAAGTGAAT 1020

Db 961 GTTGTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGGCTCTACCTACAAAAGTGAAT 1020

Qy 1021 CTTGCTCATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAATAGACATCTAA 1080

Db 1021 CTTGCTCATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAATAGACATCTAA 1080

Qy 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA 1140

Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA 1140

Qy 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 163

ADD92957

ID ADD92957 standard; cDNA; 1174 BP.

XX ADD92957;

AC

XX 29-JAN-2004 (first entry)

XX

DE Human PRO polynucleotide #136.

XX Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
OS
XX US2003194768-A1.
XX
XX 16-OCT-2003.
XX
XX 21-MAY-2002; 2002US-00152371.
XX
XX 03-MAR-2000; 2000US-0187202P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
XX (GETH) GENENTECH INC.
XX
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI; 2003-899787/82.
DR P-PSDB; ADD92958.
DR
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
PT
XX Claim 2; SEQ ID NO 271; 636pp; English.
PS
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.
XX

SQ	Sequence	1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;
	Query Match	100.0%; Score 1174; DB 9; Length 1174;
	Best Local Similarity	100.0%; Pred. No. 0;
	Matches 1174; Conservative	0; Mismatches 0; Indels 0; Gaps 0;
QY	1	CGGACGCTGGGGGAAACCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db	1	CGGACGCTGGGGGAAACCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY	61	GGGAACAAGATGGCGCGCCGCGAGGGGAGCCTCTGGGTGAGGACCCAACTGGGCTCCCCG 120
Db	61	GGGAACAAGATGGCGCGCCGCGAGGGGAGCCTCTGGGTGAGGACCCAACTGGGCTCCCCG 120
QY	121	CCGCTGCTGCTGACCAATGGCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db	121	CCGCTGCTGCTGACCAATGGCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY	181	TTTGACTCGGTCTTGGTGATACGGCGTCTTGGCCACCGGGCCTGTCACTTACCTACCCC 240
Db	181	TTTGACTCGGTCTTGGTGATACGGCGTCTTGGCCACCGGGCCTGTCACTTACCTACCCC 240
QY	241	TTGCACACCTACCTAAGGAAGAGGAGTTGTACGATGTTCAGAGAGGTTGCAGGCTGTTT 300
Db	241	TTGCACACCTACCTAAGGAAGAGGAGTTGTACGATGTTCAGAGAGGTTGCAGGCTGTTT 300
QY	301	TCAATTTGTCACTTTGTGGATGATGGAATTGACTTTAAATCGAACTAAATTTGGAATGTAA 360
Db	301	TCAATTTGTCACTTTGTGGATGATGGAATTGACTTTAAATCGAACTAAATTTGGAATGTAA 360
QY	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY	421	CAGAATCAGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
Db	421	CAGAATCAGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
QY	481	ATGCACCTACTCTTCTTAACCTCTGGTGAGGTCACTCTGGAGTGACATGATGGACTCC 540
Db	481	ATGCACCTACTCTTCTTAACCTCTGGTGAGGTCACTCTGGAGTGACATGATGGACTCC 540
QY	541	GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db	541	GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY	601	GTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
Db	601	GTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
QY	661	AATTGAGAGATCATCTCTAAGCAAAATGTCTTATCTGCAAAATGAGAAATTCACAAGCG 720
Db	661	AATTGAGAGATCATCTCTAAGCAAAATGTCTTATCTGCAAAATGAGAAATTCACAAGCG 720
QY	721	CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTTAAC 780
Db	721	CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTTAAC 780
QY	781	TCTGGGTGGATTTTAACTACAACCTCTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db	781	TCTGGGTGGATTTTAACTACAACCTCTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY	901	GCTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db	901	GCTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
QY	961	GTTGTTAGATCTTAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db	961	GTTGTTAGATCTTAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020

Qy 1021 CTTGCTCATCTCTGAATTTAAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Db CTTGCTCATCTCTGAATTTAAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Qy 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Qy 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174
RESULT 164
ADD72504
ID ADD72504 standard; cDNA; 1174 BP.
XX
AC ADD72504;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human cDNA encoding secreted/transmembrane protein, PRO195.
XX
KW Human; ss; gene; secreted protein; transmembrane protein; PRO;
KW cytotstatic; ophthalmological; antiarthritic; osteopathic; antirheumatic;
KW vulneryary; auditory; tumour growth; retinal disorder;
KW sports-related joint problem; articular cartilage defects;
KW osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.
XX
OS Homo sapiens.
XX
FN US2003194781-A1.
XX
PD 16-OCT-2003.
XX
PF 19-OCT-2001; 2001US-00164929.
XX
PR 30-MAR-1998; 98US-0079920P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98WO-US024855.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 15-APR-1999; 99WO-US008313.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 25-AUG-1999; 99US-00380138.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 16-DEC-1999; 99WO-US028565.
PR 30-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.

PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH) GENENTECH INC.
XX
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX
DR WPI; 2003-852598/79.
DR P-PSDB; ADD72505.
XX
PT New secreted and transmembrane PRO nucleic acids and polypeptides, useful
PT for stimulating the release of tumor necrosis factor alpha from human
PT blood and stimulating the proliferation of differentiation of chondrocyte
PT cells.
XX
PS Claim 2; SEQ ID NO 329; 462pp; English.
XX
CC The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid), a host cell
CC comprising the vector and producing PRO, a chimeraic molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence encodes a PRO protein.
XX
SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCGTGGGGAAACCTTCCGAGAAAACAGCAACAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCTTCCGAGAAAACAGCAACAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCGCCGAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGSCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGSCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATCGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCCGTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCCGTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCACTCTGGAGTGACATGGAATCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCACTCTGGAGTGACATGGAATCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCAATGGAATTTTATCTCAAGCCGATGACGGAATAA 600
Db 541 GCACAGAGCTTCATAACCTCTTCAATGGAATTTTATCTCAAGCCGATGACGGAATAA 600
QY 601 GTTATATTCAGTCTAAGCCAGCAATCCAGTACGCCACCATTTGGAGCAGGACCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGCAATCCAGTACGCCACCATTTGGAGCAGGACCTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACCTCTGTCTCTCGGTGATGGTATTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACCTCTGTCTCTCGGTGATGGTATTTGGATTTGT 840
QY 841 TGTGCAACTGTGCTACAGCTGTGGACAGTATGTTCCCTCTGAGAAGCTGATCTAT 900
Db 841 TGTGCAACTGTGCTACAGCTGTGGACAGTATGTTCCCTCTGAGAAGCTGATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGSCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGSCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
RESULT 165
ADE19377
ID ADE19377 standard; cDNA; 1174 BP.
XX
AC ADE19377;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polynucleotide #136.
XX
KW Human; Gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003199025-A1.
XX
PD 23-OCT-2003.
XX
PF 21-MAY-2002; 2002US-00152385.
XX
PR 03-MAR-2000; 2000US-0187202P.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-900156/82.
DR P-PSDB; ADE19378.
XX
PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX
PS Claim 2; SEQ ID NO 271; 648pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating

proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polynucleotide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at segdata.uspto.gov/sequence.html.

Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match	100.0%;	Score 1174;	DB 9;	Length 1174;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1174; Conservative	0;	Mismatches	0;	Indels 0;

QY	1	CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG	60
Db	1		
QY	61	GGGAACAAGATGGCGCGCCGGAAGGGGAGCCCTCTGGTGAGGACCCAACTGGGCTCCCG	120
Db	61		
QY	121	CCGCTGCTGCTGTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA	180
Db	121		
QY	181	TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGSCCTGTGAGTTGACCTACCCC	240
Db	181		
QY	241	TTGCACACCTACCCCTAAGGAAGAGAGTTGTACGCGATGTGAGAGAGGTTGCAGGCTGTT	300
Db	241		
QY	301	TCAATTTGTGAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA	360
Db	301		
QY	361	TCTGCATGTACAGAAGCATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC	420
Db	361		
QY	421	CAGAACTAGCTGCCATTGCTGCTAACTGAGACAAGAACAACTATGTCCCTGATGCCAAA	480
Db	421		
QY	481	ATGCACCTACTCTTTCCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC	540
Db	481		
QY	541	GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAAGCCGATGACGGAAAAATA	600
Db	541		
QY	601	GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCTACA	660
Db	601		
QY	661	AAATTTGAGAGAATCATCTCTAAGCAAAAATGTCCCTATCTGCAAAATGAGAAATTCACAAGCG	720
Db	661		
QY	721	CACAGGAATTTCTTGAAGATGGAAAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC	780
Db	721		
QY	781	TCTGGGTGGATTTAACTACAACCTCTTGTCCCTCTCGGTGATGGTATTGCTTTGGATTGT	840

Db	781	TCTGGGTGGAATTTTAACTACAAC	CTCTTGTCCTCTCGGTGATGGTATGCTTTGGATTGTG	840
QY	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT		900
Db	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT		900
QY	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTTG		960
Db	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTTG		960
QY	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT		1020
Db	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT		1020
QY	1021	CTTGCTCATTTCTGAAATTTAAGCATTTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA		1080
Db	1021	CTTGCTCATTTCTGAAATTTAAGCATTTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA		1080
QY	1081	AATTCCACTCCTCATAGAGCTTTTAAAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA		1140
Db	1081	AATTCCACTCCTCATAGAGCTTTTAAAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA		1140
QY	1141	CTATAAAATGCAATAAAGTTACTCAAATCTGTG	1174	
Db	1141	CTATAAAATGCAATAAAGTTACTCAAATCTGTG	1174	

RESULT 166

ADP18825

ID ADE18825 standard; cDNA; 1174 BP.

AC ADE18825;

DT 29-JAN-2004 (first entry)

Human PRO polynucleotide #136.

Human; gene, ss; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.

OS Homo sapiens.

PN US2003199026-A1.

23-OCT-2003.

20-MAY-2002: 2002UIS-00152393

03-MAR-2000: 2000US-0187202P

03-JAN-2000; 200003-018120Z;
01-DEC-2000; 2000WO-US032678;
PR

PR 19-DEC-2001: 2001US-00028072:

PA (GETH) GENENTECH INC.

PI Baker KP. Beresini M. Deforge L. Desnovers L. Filvaroff E. Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

DR WPI; 2003-900157/82.

DR P-PSDB; ADE18826.

PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.

XX Claim 2; SEQ ID NO 271; 636pp; English.

PS The invention relates to isolated human PRO polypeptides (secreted and

XX transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating

CC proliferation of or gene expression in pericyte cells, for stimulating

CC the proliferation of inner ear utricular supporting cells or T-lymphocyte

CC cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and

CC arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems, PRO

CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

CC polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalassaemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This

CC sequence represents a human PRO polynucleotide of the invention. Note:

CC The sequence data for this patent is also available in electronic format

CC from USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

SQ

Query Match 100.0%; Score 1174; DB 9; Length 1174;

Best Local Similarity 100.0%; Pred. NO. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACCAAGCTGAGCTGTGTGACAGAG 60

DB 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACCAAGCTGAGCTGTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCGCGGCGGAGGAGCCTCTGGGTGAGGACCCCAACTGGGCTCCCG 120

DB 61 GGGAAACAAGATGGCGGCGCGGCGGAGGAGCCTCTGGGTGAGGACCCCAACTGGGCTCCCG 120

QY 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGTTGGGGACCGCTGCGGTGAAGCA 180

DB 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGTTGGGGACCGCTGCGGTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCACTGACCTACCCC 240

DB 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCACTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTCAGAGGTTGCAGGCTGTTT 300

DB 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTCAGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTGTTCAGTTTGTGGATGATGGAATTGACTTAATCGAATAATGGAATGTGAA 360

DB 301 TCAATTGTTCAGTTTGTGGATGATGGAATTGACTTAATCGAATAATGGAATGTGAA 360

QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420

DB 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420

QY 421 CAGAAATCAGCTGCCATTCGGTGAACCTGAGACAAGAACTATATGTCCTGATGCCAAA 480

DB 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTTATGTCCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTTCTTAACCTCTGGTGGAGTCAATCTGGAGTGACATGATGGACTCC 540

DB 481 ATGCACCTACTCTTTTCTTAACCTCTGGTGGAGTCAATCTGGAGTGACATGATGGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600

DB 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600

QY 601 GTTATATTCAGTCTAAGCAGAAATCCAGTACGACCAATTTGGAGGAGGCTTACA 660

DB 601 GTTATATTCAGTCTAAGCAGAAATCCAGTACGACCAATTTGGAGGAGGCTTACA 660

QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCTTATCTGCAAAATGAGAAATTCACAAGCG 720

DB 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCTTATCTGCAAAATGAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780

DB 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780

QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTTGCTTGGATTGT 840

DB 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTTGCTTGGATTGT 840

QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCTCTGAGAAGCTGAGTATCTAT 900

DB 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCTCTGAGAAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960

DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960

QY 961 GTTGTAGATCTAAACCTGAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT 1020

DB 961 GTTGTAGATCTAAACCTGAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080

DB 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080

QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTAAAGAAATCA 1140

DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTAAAGAAATCA 1140

QY 1141 CTATAAATGCAATAAAGTTACTCAAACTCTGTG 1174

DB 1141 CTATAAATGCAATAAAGTTACTCAAACTCTGTG 1174

RESULT 167

ADE43021

ID ADE43021 standard; cdna; 1174 BP.

XX

AC ADE43021;

XX

DT 29-JAN-2004 (first entry)

XX

DE Human PRO polynucleotide #136.

XX

KW Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

XX immune system cell infiltration.

OS Homo sapiens.

RESULT 168
ADD95810
ID ADD95810 standard; cDNA; 1174 BP.
XX
AC ADD95810;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polynucleotide #136.
XX
KW Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003199059-A1.
XX
PD 23-OCT-2003.
XX
PF 15-APR-2002; 2002US-00123322.
XX
PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.

PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-900168/82.
DR P-PSDB; ADD95811.
XX
PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX
PS Claim 2; Fig 271; 638pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and

transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polynucleotide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at seqdata.uspto.gov/sequence.html.

Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match	100.0%;	Score 1174;	DB 9;	Length 1174;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1174;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGCTGTGACAGAG	60	
Db	1	CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGCTGTGACAGAG	60	
QY	61	GGGAAACAAGATGGCGCGCCGAGGGAGCCTCTGGGTGAGACCCAACTGGGCTCCCG	120	
Db	61	GGGAAACAAGATGGCGCGCCGAGGGAGCCTCTGGGTGAGACCCAACTGGGCTCCCG	120	
QY	121	CGGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAGCA	180	
Db	121	CGGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAGCA	180	
QY	181	TTTGACTCGGTCTTGGGTGATACGGCGCTCTGCCACCGGGCCCTGCAGTTGACCTACCC	240	
Db	181	TTTGACTCGGTCTTGGGTGATACGGCGCTCTGCCACCGGGCCCTGCAGTTGACCTACCC	240	
QY	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGACGATGTTCAGAGAGGTTGCAGGCTGTT	300	
Db	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGACGATGTTCAGAGAGGTTGCAGGCTGTT	300	
QY	301	TCAATTGTGTCAGTTTGGGATGATGGAATTGACTTAAATCGAATAAATTGGAATGAA	360	
Db	301	TCAATTGTGTCAGTTTGGGATGATGGAATTGACTTAAATCGAATAAATTGGAATGAA	360	
QY	361	TCTGCATGTACAGAACATATTCCTCAATCTGATGAGCAATATGCTGCCATCTTGGTTGC	420	
Db	361	TCTGCATGTACAGAACATATTCCTCAATCTGATGAGCAATATGCTGCCATCTTGGTTGC	420	
QY	421	CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGCTCCCTGATGCCAAA	480	
Db	421	CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGCTCCCTGATGCCAAA	480	
QY	481	ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCATTCTGGAGTGACATGATGGACTCC	540	

Db	481	ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCATTCTGGAGTGACATGATGGACTCC	540	
QY	541	GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA	600	
Db	541	GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA	600	
QY	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTAGCCACACATTTGGAGAGGAGCCTACA	660	
Db	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTAGCCACACATTTGGAGAGGAGCCTACA	660	
QY	661	AATTTGAGAGAATCATCTCTAAGCAAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG	720	
Db	661	AATTTGAGAGAATCATCTCTAAGCAAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG	720	
QY	721	CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC	780	
Db	721	CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC	780	
QY	781	TCCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGGATTGT	840	
Db	781	TCCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGGATTGT	840	
QY	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900	
Db	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900	
QY	901	GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG	960	
Db	901	GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG	960	
QY	961	GTTGTTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT	1020	
Db	961	GTTGTTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT	1020	
QY	1021	CTTGCTCATTTCTGAAATTAAGCATTTTCTTTAAAGACAAAGTGTAATAGACATCTAA	1080	
Db	1021	CTTGCTCATTTCTGAAATTAAGCATTTTCTTTAAAGACAAAGTGTAATAGACATCTAA	1080	
QY	1081	AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA	1140	
Db	1081	AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA	1140	
QY	1141	CTATAAATGCAATAAAGTTACTCAAATCTGTG	1174	
Db	1141	CTATAAATGCAATAAAGTTACTCAAATCTGTG	1174	

RESULT 169

ADE22696

ID ADE22696 standard; cDNA; 1174 BP.

XX ADE22696;

XX 29-JAN-2004 (first entry)

DT 29-JAN-2004 (first entry)

XX cDNA encoding human PRO polypeptide #136.

Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour; cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix; liver; microvascular endothelial cell; glucose; FFA; skeletal muscle cell; adipocyte cell; pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell; endothelial cell tube formation; bone disorder; cartilage disorder; sports injury; proteoglycan; articular cartilage defect; osteoarthritis; rheumatoid arthritis; haemoglobin-associated disorder thalassaemia; immune system cell infiltration.

XX Homo sapiens.

OS US2003199064-A1.

XX 23-OCT-2003.

PD

XX 19-APR-2002; 2002US-00125932.
XX
PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.

PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-900169/82.
P-PSDB; ADE22697.

Two hundred and seventy five nucleic acids encoding PRO polypeptides,
useful for treating pericyte-associated tumors, diabetes and various bone
and/or cartilage disorders, e.g. arthritis.

Claim 2; Fig 271; 638pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a
medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting proliferation
of human microvascular endothelial cells, for modulating the uptake of
glucose or FFA by skeletal muscle cells or adipocyte cells, for
stimulating differentiation of adipocyte cells, for stimulating
proliferation of or gene expression in pericyte cells, for stimulating
the proliferation of inner ear utricular supporting cells or T-lymphocyte
cells, for inducing endothelial cell tube formation and for treating
various bone and/or cartilage disorders such as sports injuries and
arthritis. PRO polypeptides which stimulate the release of proteoglycans
from cartilage are useful for treating sports-related joint problems,
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence encodes a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.

XX
SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCGCGGAGGAGCCTCTGGGTGAGGACCCCAACTGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCGCGGAGGAGCCTCTGGGTGAGGACCCCAACTGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTGTCCACCGGGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTGTCCACCGGGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTAAGGAAGAGAGGAGTTGTACGCATGTACAGAGGTTGCAGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAAGAGAGGAGTTGTACGCATGTACAGAGGTTGCAGCTGTTT 300
QY 301 TCAATTGTGTCAGTTTGTGGATGATGGAAATGAACTTAAATCGAACTAAATTTGGAATGTAA 360
Db 301 TCAATTGTGTCAGTTTGTGGATGATGGAAATGAACTTAAATCGAACTAAATTTGGAATGTAA 360
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGTGGCAATTCGCTGAACCTGAGACAAGAAACAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGTGGCAATTCGCTGAACCTGAGACAAGAAACAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAAGTCACTTCTGGAGTGAACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAAGTCACTTCTGGAGTGAACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAATA 600
Db 541 GCACAGAGCTTCATACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCCTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGAAATTTCTTGAAGATGGAGAAAGTATGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGAAATTTCTTGAAGATGGAGAAAGTATGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGTTGTTGGATTGTT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGTTGTTGGATTGTT 840
QY 841 TGTGCACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960

Db 901 GGTGACTTGGAGTTTATGATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATTGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATTGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 170
ADD78814
ID ADD78814 standard; cDNA; 1174 BP.

XX AC ADD78814;
XX 29-JAN-2004 (first entry)
XX cDNA encoding human PRO polypeptide #136.

Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.

XX Homo sapiens.
OS
XX US2003203429-A1.

XX 30-OCT-2003.
XX 22-APR-2002; 2002US-00127900.
XX 05-JUN-2000; 2000US-0209832P.
XX 01-DEC-2000; 2000WO-US032678.
XX 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-875636/81.
XX P-PSDE; ADD78815.

XX New isolated, secreted and transmembrane PRO polypeptides and nucleic
XX acids, useful for the diagnosis, prevention and/or treatment of tumors,
XX such as lung, colon, breast, prostate, rectal, cervical and/or liver
XX tumors.

XX Claim 2; Fig 271; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the polynucleotides encoding them. The
XX invention also relates to an antibody which specifically binds to a PRO
XX polypeptide, a method for stimulating the release of tumour necrosis

factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, PRO articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence encodes a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPRO website at seqdata.uspto.gov.

XX	Sequence	1174 BP;	325 A;	250 C;	275 G;	324 T;	0 U;	0 Other;	
SQ	Query Match	100.0%;	Score	1174;	DB	9;	Length	1174;	
	Best Local Similarity	100.0%;	Pred.	No.	0;				
	Matches	1174;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps
									0;
QY	1	CGGACGCGTGGGGAACCCCTCCGAGAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG	60						
Db	1	CGGACGCGTGGGGAACCCCTCCGAGAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG	60						
QY	61	GGGAACAAGATGGCGGCGCGGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGTCCCG	120						
Db	61	GGGAACAAGATGGCGGCGCGGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGTCCCG	120						
QY	121	CCGCTGCTGCTGACCATGGCCCTTGGCCGAGAGTTCGGGGACCGCTCGGCTGAAGCA	180						
Db	121	CCGCTGCTGCTGACCATGGCCCTTGGCCGAGAGTTCGGGGACCGCTCGGCTGAAGCA	180						
QY	181	TTTGACTCGGTCTTGGGTGATACGGCGCTTTCGCCACCGGGCCCTGTCAGTTGACCTACCCC	240						
Db	181	TTTGACTCGGTCTTGGGTGATACGGCGCTTTCGCCACCGGGCCCTGTCAGTTGACCTACCCC	240						
QY	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGAGGCTGTTT	300						
Db	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGAGGCTGTTT	300						
QY	301	TCAATTTGTGATGTTGGATGATGGAATTGACCTTAATCGAATAAATGGAATGTGAA	360						
Db	301	TCAATTTGTGATGTTGGATGATGGAATTGACCTTAATCGAATAAATGGAATGTGAA	360						
QY	361	TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC	420						
Db	361	TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC	420						
QY	421	CAGAATCAGTGCCTTCCCTGAGCAAGCAACAACTTATGTCCCTGATGCCAAA	480						
Db	421	CAGAATCAGTGCCTTCCCTGAGCAAGCAACAACTTATGTCCCTGATGCCAAA	480						
QY	481	ATGCACCTACTCTTTCTTAACTCTGGTGAGGTCACTTCTGGAGTGACATGAGTCC	540						
Db	481	ATGCACCTACTCTTTCTTAACTCTGGTGAGGTCACTTCTGGAGTGACATGAGTCC	540						
QY	541	GCACAGAGCTTCATAAACCTCTTCAATGGACTTTTATCTTCAAGCCGATGACGGAATA	600						

Db	541	GCACAGAGCTTCATAAACCTCTTCAATGGACTTTTATCTTCAAGCCGATGACGGAATA	600
QY	601	GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTACA	660
Db	601	GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTACA	660
QY	661	AATTTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAAGCG	720
Db	661	AATTTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAAGCG	720
QY	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCCTCTCTCTTAAC	780
Db	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCCTCTCTCTTAAC	780
QY	781	TCTGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTTGGATTGT	840
Db	781	TCTGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTTGGATTGT	840
QY	841	TGTCAAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
Db	841	TGTCAAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
QY	901	GGTCACTTGGAGTTTATGAATGAACAAAAGCTAATAACAGATATCCAGCTTCTTCTTG	960
Db	901	GGTCACTTGGAGTTTATGAATGAACAAAAGCTAATAACAGATATCCAGCTTCTTCTTG	960
QY	961	GTTGTTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACTACAAAGTGAAT	1020
Db	961	GTTGTTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACTACAAAGTGAAT	1020
QY	1021	CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA	1080
Db	1021	CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA	1080
QY	1081	AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTAAGAAATCA	1140
Db	1081	AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTAAGAAATCA	1140
QY	1141	CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG	1174
Db	1141	CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG	1174

RESULT	171
ADE32764	
ID	ADE32764 standard; cDNA; 1174 BP.
XX	
AC	ADE32764;
XX	
DT	29-JAN-2004 (first entry)
XX	
DE	Novel human secreted and transmembrane protein PRO195 cDNA.
XX	
KW	Human; secreted and transmembrane protein; PRO; gene; ss;
KW	Tumour necrosis factor alpha release; TNF-alpha release;
KW	glucose uptake modulator; FFA uptake modulator;
KW	cell proliferation stimulator; cell differentiation stimulator;
KW	cell differentiation inhibitor; cytokine release stimulator; tumour;
KW	lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW	cervical tumour; liver tumour; chromosome mapping; gene mapping;
XX	gene therapy; chromosome identification; chromosome marker.
OS	Homo sapiens.
XX	
PN	US2003194766-A1.
XX	
PD	16-OCT-2003.
XX	
PF	14-MAY-2002; 2002US-00145874.
XX	
PR	05-JUN-2000; 2000US-0209832P.
PR	01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

PA (GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI
 PI
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI
 PI Smith V, Stewart TA, Tunas D, Watanabe CK, Wood WI, Zhang Z;

WPI: 2003-899785/82.

DR P-PSDB; ADE32765-

Two hundred and seventy five nucleic acids encoding PRO polypeptides, useful for treating pericyte-associated tumors, diabetes and various bone and/or cartilage disorders, e.g. arthritis.

Claim 2: SEO ID NO 271: 636pp: English.

The invention describes 305 nucleic acids encoding PRO (secreted and transmembrane) polypeptides (I). (I) is useful for stimulating the release of TNF-alpha from human blood, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the release of proteoglycans from cartilage, for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from PBMC cells, for inhibiting the binding of A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This sequence encodes a novel human secreted and transmembrane PRO polypeptide.

Sequence 1174 BP: 325 A: 250 C: 275 G: 324 T: 0 U: 0 Other:

Query Match	100.0%	Score 1174;	DB 9;	Length 1174;
Best Local Similarity	100.0%	Pred. No. 0;		
Matches 1174; Conservative	0;	Mismatches	0;	Indels 0;
		Gaps	0;	

1 CGGACGCGTGGGGAAACCCCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

1 CCGACGGTGGGGAACCCCTTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

61 CCGGACACACATCCCGCCCGCCGACCGGACCGTCCGTCACGACACACATCCCGCCCGCCG 120

№	Содержание	120
61	Содержание	Содержание

198

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
84

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
84

KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003199032-A1.
XX
PD 23-OCT-2003.
XX
PF 28-MAY-2002; 2002US-00156844.
XX
XX
PR 03-MAR-2000; 2000US-0187202P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
XX (GETH) GENENTECH INC.
XX

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-900161/82.
DR P-PSDB; ADE42457.
XX

PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX

PS Claim 2; Fig 271; 636pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems, PRO
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.
XX

SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;

		Matches 1174;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
QY	1	CGGACCGCTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGTGTGACAGAG	60							
DB	1	CGGACCGCTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGTGTGACAGAG	60							
QY	61	GGGAAACAAGATGGCGGCGCGGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120							
DB	61	GGGAAACAAGATGGCGGCGCGGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120							
QY	121	CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA	180							
DB	121	CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA	180							
QY	181	TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCACCGGGCCCTGTCACTGACCTACCC	240							
DB	181	TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCACCGGGCCCTGTCACTGACCTACCC	240							
QY	241	TTGCACACCTACCCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGTTGCAGGCTGTTT	300							
DB	241	TTGCACACCTACCCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGTTGCAGGCTGTTT	300							
QY	301	TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTAA	360							
DB	301	TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTAA	360							
QY	361	TCTGATGTACAGAAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC	420							
DB	361	TCTGATGTACAGAAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC	420							
QY	421	CAGAATCAGCTGCCATTTCGCTGAACTGAGACAAGAACTTATGTCCCTGATGCCAAAA	480							
DB	421	CAGAATCAGCTGCCATTTCGCTGAACTGAGACAAGAACTTATGTCCCTGATGCCAAAA	480							
QY	481	ATGCACCTACTCTTTCTTAACCTCTGGTGAGGTCAATCTGGAGTGACATGGACTCC	540							
DB	481	ATGCACCTACTCTTTCTTAACCTCTGGTGAGGTCAATCTGGAGTGACATGGACTCC	540							
QY	541	GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTCAAGCCGATGACGGAAAAATA	600							
DB	541	GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTCAAGCCGATGACGGAAAAATA	600							
QY	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACA	660							
DB	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACA	660							
QY	661	AATTTGAGAGATCATCTTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG	720							
DB	661	AATTTGAGAGATCATCTTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG	720							
QY	721	CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAGATGCCTCTCTTTAAC	780							
DB	721	CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAGATGCCTCTCTTTAAC	780							
QY	781	TCTGGGTGGAATTTAACTACAACCTCTGTCTCTCGGTGATGGTATTGCTTTGGAATTTGT	840							
DB	781	TCTGGGTGGAATTTAACTACAACCTCTGTCTCTCGGTGATGGTATTGCTTTGGAATTTGT	840							
QY	841	TGTCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGATCTAT	900							
DB	841	TGTCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGATCTAT	900							
QY	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTTGTG	960							
DB	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTTGTG	960							
QY	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT	1020							
DB	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT	1020							
QY	1021	CTTGCTCATTTCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA	1080							
DB	1021	CTTGCTCATTTCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA	1080							

QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTTACTCAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTTACTCAAATCTGTG 1174

RESULT 173
ADE17155
ID ADE17155 standard; cDNA; 1174 BP.
XX
AC ADE17155;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human cDNA encoding secreted/transmembrane protein, PRO195.
XX
KW Human; ss; gene; secreted protein; transmembrane protein; PRO;
KW cytosolic; ophthalmological; antiarthritic; osteopathic; antirheumatic;
KW vulnary; auditory; tumour growth; retinal disorder;
KW sports-related joint problem; articular cartilage defects;
KW osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.
XX

OS Homo sapiens.
XX
XX US2003203433-A1.
XX
PD 30-OCT-2003.
XX
PF 18-OCT-2001; 2001US-00145016.
XX
PR 06-MAY-1998; 98US-0084414P.
PR 22-DEC-1998; 98US-0113296P.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 12-APR-1999; 99US-00284291.
PR 25-AUG-1999; 99US-00380138.
PR 18-FEB-2000; 2000WO-US004341.
PR 30-JUL-2001; 2001US-00918585.

XX (GETH) GENENTECH INC.
PA
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;

XX WPI; 2003-875640/81.
DR P-PSDB; ADE17156.
XX
PT New genes, and its encoded secreted and transmembrane polypeptides,
PT useful for treating e.g. lung or breast tumors, osteoarthritis,
PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,
PT hypoinsulinemia or wounds.

XX Claim 2; SEQ ID NO 329; 459pp; English.
PS
XX The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid), a host cell
CC comprising the vector and producing PRO, a chimaeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337

CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence encodes a PRO protein.

XX
SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;
Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGGAAGGGAGGCTCTGGGTGAGGACCACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGGAAGGGAGGCTCTGGGTGAGGACCACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGSCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGSCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTAAGGAAGAGGAGTTGACGCATGTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTTGACGCATGTCAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATGTGAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCCGCTGAACCTGAGACAAGAACTTATGTCTCCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCCGCTGAACCTGAGACAAGAACTTATGTCTCCCTGATGCCAAA 480
QY 481 ATGCACTACTCTTTCTCTAATCTGCTGAGGTCATTTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACTACTCTTTCTCTAATCTGCTGAGGTCATTTCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGAGGAGCCTACA 660

Db 601 GTATATTCCAGTCTAAGCCAGAAATCCAGTACGCACCACTTTGGAGCAGGAGCCTACA 660
QY 661 AATTGGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGCTCTCGGTGATGTTGTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTCTTGCTCTCGGTGATGTTGTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
QY 961 GTTGTAGATCTAAAATGAAGATCATGAAGAAGCAGGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAATGAAGATCATGAAGAAGCAGGGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 174

ADD80472
ID ADD80472 standard; cdna; 1174 BP.

AC ADD80472;

XX 29-JAN-2004 (first entry)

XX cdna encoding human PRO polypeptide #136.

KW Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

OS Homo sapiens.

XX US2003207418-A1.

PN 06-NOV-2003.

XX 07-MAY-2002; 2002US-00140809.

PR 31-MAR-1997; 97WO-US005230.

PR 12-JUN-1998; 98WO-US012456.

PR 14-JUL-1998; 98WO-US014552.

PR 28-AUG-1998; 98WO-US017888.

PR 10-SEP-1998; 98WO-US018824.

PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 05-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.

PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-875868/81.
P-PSDB; ADD80473.

New PRO nucleic acid, useful for manufacturing a medicament for
diagnosing or treating tumor, for chromosome mapping or for tissue
typing.

Claim 2; Fig 271; 638pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence encodes a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO website at seqdata.uspto.gov.

Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match	100.0%;	Score 1174;	DB 9;	Length 1174;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1174;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	1	CGGACCGCTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGCTGTGACAGAG	60
Db	1	CGGACCGCTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGCTGTGACAGAG	60
QY	61	GGGAAACAAGATGGCGCGCCGAGAGGGAGCCCTCTGGGTGAGAGCCCAACTGGGGCTCCCG	120
Db	61	GGGAAACAAGATGGCGCGCCGAGAGGGAGCCCTCTGGGTGAGAGCCCAACTGGGGCTCCCG	120
QY	121	CCGCTGCTGCTGTGCTACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA	180
Db	121	CCGCTGCTGCTGTGCTACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA	180
QY	181	TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGGCCACCGGGCCCTGTGAGTTGACCTACCCC	240
Db	181	TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGGCCACCGGGCCCTGTGAGTTGACCTACCCC	240
QY	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT	300
Db	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT	300
QY	301	TCAATTTGTTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA	360
Db	301	TCAATTTGTTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA	360
QY	361	TCTGCATGTACAGAAAGCATATTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC	420
Db	361	TCTGCATGTACAGAAAGCATATTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC	420
QY	421	CAGAATCAGCTGCCATTGCTGAACCTGAGCAAGAAACAACTTATGTCCTGATGCCAAA	480
Db	421	CAGAATCAGCTGCCATTGCTGAACCTGAGCAAGAAACAACTTATGTCCTGATGCCAAA	480
QY	481	ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGCATGATGAGACTCC	540
Db	481	ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGCATGATGAGACTCC	540
QY	541	GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA	600
Db	541	GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA	600
QY	601	GTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCACTTTGGAGCAGGAGCCTACA	660
Db	601	GTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCACTTTGGAGCAGGAGCCTACA	660
QY	661	AATTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG	720
Db	661	AATTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG	720
QY	721	CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC	780
Db	721	CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC	780
QY	781	TCTGGTGGATTTTAACTAACAACCTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT	840
Db	781	TCTGGTGGATTTTAACTAACAACCTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT	840
QY	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT	900
Db	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT	900
QY	901	GGTGACTTGGAGTTTATGATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG	960
Db	901	GGTGACTTGGAGTTTATGATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG	960
QY	961	GTGTTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT	1020
Db	961	GTGTTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT	1020
QY	1021	CTTGCTCACTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA	1080

Db 1021 CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 175
ADD89500
ID ADD89500 standard; cDNA; 1174 BP.
XX
AC ADD89500;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polynucleotide #136.
XX
KW Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

XX Homo sapiens.
XX OS
XX US2003199028-A1.
XX PN
XX 23-OCT-2003.
XX PD
XX 22-MAY-2002; 2002US-00153552.
XX PF
XX 03-MAR-2000; 2000US-0187202P.
XX PR
XX 01-DEC-2000; 2000WO-US032678.
XX PR
XX 19-DEC-2001; 2001US-00028072.
XX PA
XX (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen MB, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-900158/82.
DR P-PSDB; ADD89501.
XX
PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.

XX Claim 2; Fig 271; 637pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA, and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.

XX
SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;
Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGTGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGTGTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGAAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCAATGGCCCTTGGCCCGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCAATGGCCCTTGGCCCGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGGCACCGGGCCTGTCTAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGGCACCGGGCCTGTCTAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCAAGTGTGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTAA 360
Db 301 TCAATTTGTCAAGTGTGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTAA 360
QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTTCGTGAACCTGAGACAGAAACAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTTCGTGAACCTGAGACAGAAACAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCCCTTAACCTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCCCTTAACCTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAACATTTGGAGCAGGAGCCTACA 660
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCTTATCTGCAATGAGAAATTCACAAGCG 720

Db 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAC 780
Qy 781 TCTGGTGGATTTAACTACAACCTCTGCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGTGGATTTAACTACAACCTCTGCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Qy 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGATCTAT 900
Db 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTG 960
Qy 961 GTTGTAGATCTAAAAGCTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAAGCTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATCTGAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAATAGACATCTAA 1080
Qy 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCTTAAGAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCTTAAGAATCA 1140
Qy 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 176
ADE40784
ID ADE40784 standard; cDNA; 1174 BP.
XX ADE40784;
AC ADE40784;
XX 29-JAN-2004 (first entry)
XX Human PRO polynucleotide #136.
DE Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
OS US2003199031-A1.
XX 23-OCT-2003.
XX 28-MAY-2002; 2002US-00156842.
XX 05-JUN-2000; 2000US-0209832P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-900160/82.
DR P-PSDB; ADE40785.
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX Claim 2; Fig 271; 637pp; English.
PS The invention relates to isolated human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;
SQ Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCTGGGGAAACCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCTGGGGAAACCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGGCGCCGAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGCTGACCAATGGCTTGGCCGGAGGTTGCGGGGACCGCTTCGGTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCAATGGCTTGGCCGGAGGTTGCGGGGACCGCTTCGGTGAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTCCACCGGGCCCTGTCAAGTACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTCCACCGGGCCCTGTCAAGTACCTACCCC 240
Qy 241 TTGCACACCTTACCTTAAGGAAGAGGAGTTGTACGATGTCAAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTTACCTTAAGGAAGAGGAGTTGTACGATGTCAAGAGAGGTTGCAGGCTGTTT 300
Qy 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTAA 360

QY 1 CGGACGCGTGGGGAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCCGGAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGGAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGCTCCCG 120
QY 121 CCGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTGTACGCATGTCCAGAGAGTTGCAGGCTGTTT 180
Db 121 CCGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTGTACGCATGTCCAGAGAGTTGCAGGCTGTTT 180
QY 181 TTTGACTCGGTCCTGGGTGATACCGGCGCTCTGCCACCGGGCCCTGTCAAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCCTGGGTGATACCGGCGCTCTGCCACCGGGCCCTGTCAAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCCAGAGAGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCCAGAGAGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGCTGTTGGATGATGGAAATGACTTAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTGCTGTTGGATGATGGAAATGACTTAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGGTTC 420
Db 361 TCTGCATGTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGGTTC 420
QY 421 CAGAATCAGCTGCCATTCGTTGAACTGAGCAAGAAACAATTAATGTCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTCGTTGAACTGAGCAAGAAACAATTAATGTCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGTTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGTTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAATAA 600
Db 541 GCACAGAGCTTCATAAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAATAA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCCTCTCTCTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCCTCTCTCTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACCTCTTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTACAACCTCTTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGATTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGATTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGCGCTTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGCGCTTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAATCA 1140

Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
RESULT 178
ADC81008
ID ADC81008 standard; cDNA; 1174 BP.
XX
AC ADC81008;
XX
DT 15-JAN-2004 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195 cDNA.
XX
KW Human; secreted and transmembrane protein; PRO; secreted polypeptide;
transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;
chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;
rectum; kidney; cervix; liver; microvascular endothelial cell;
glucose uptake modulator; PFA uptake modulator; cell proliferation;
cell differentiation; skeletal muscle cell; adipocyte cell;
pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;
immune system cell infiltration; chromosome mapping; gene mapping;
gene therapy; chromosome identification; chromosome marker; gene; ss.
XX
OS Homo sapiens.
XX
PN US2003092115-A1.
XX
PD 15-MAY-2003.
XX
PF 30-MAY-2002; 2002US-00158785.
XX
PR 05-JUN-2000; 2000US-0209832P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerriksen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2004-020238/02.
DR P-PSDB; ADC81009.
XX
PT New secreted and transmembrane nucleic acids and polypeptides, designated
as PRO, useful for treating inflammation, organ failure, atherosclerosis,
cardiac injury, infertility, birth defects, premature aging, AIDS, or
cancer.
XX
PS Claim 2; Fig 271; 637pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful

reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polynucleotide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at seqdata.uspto.gov/sequence.html.

PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003365.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006566.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.

PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2004-008956/01.
XX P-PSDB; ADD76457.
PT New PRO nucleic acid, useful for recombinantly producing a PRO
PT polypeptide and for manufacturing a medicament for diagnosing or treating
PT a tumor.
XX
PS Claim 2; Fig 271; 638pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 CGGACGGCTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

Db 1 CGGACGCGTGGGGAAACCCCTTCGAGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGACCATGGCCCTTGGCCGAGAGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGACCATGGCCCTTGGCCGAGAGTTTCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCACCGGCGCTGTGAGTTGACCTACCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCACCGGCGCTGTGAGTTGACCTACCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGTTGCAGGCTGTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGTTGCAGGCTGTT 300
QY 301 TCAATTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAATGGAATGGAATGGA 360
Db 301 TCAATTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAATGGAATGGAATGGA 360
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGCATGAGCAATATGCTTGCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGCATGAGCAATATGCTTGCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACTGAGACAGAAACAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACTGAGACAGAAACAACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTTCATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTTCATCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGAGCCTACA 660
QY 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAATCTTGTCTCTCGGTGATGGTATGCTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAATCTTGTCTCTCGGTGATGGTATGCTTGGATTTGT 840
QY 841 TGTGCACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCAATCTGAAATTTAAGCAATTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCAATCTGAAATTTAAGCAATTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
QY 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTTAAGAAATCA 1140

Db 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAGTTACTCAAAATCTGTG 1174
RESULT 180
ADD87820
ID ADD87820 standard; cDNA; 1174 BP.
XX
AC ADD87820;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polynucleotide #136.
XX
KW Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003092113-A1.
PD 15-MAY-2003.
XX
PF 16-MAY-2002; 2002US-00147523.
XX
PR 09-DEC-1999; 99US-0170262P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2004-020237/02.
DR P-PSDB; ADD87821.
XX
PT New secreted and transmembrane nucleic acids and polypeptides, designated
as PRO, useful for treating inflammation, organ failure, atherosclerosis,
cardiac injury, infertility, birth defects, premature aging, AIDS, or
cancer.
PS Claim 2; Fig 271; 637pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a
medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.

XX	Sequence	1174 BP;	325 A;	250 C;	275 G;	324 T;	0 U;	0 Other;
SQ	Query Match	100.0%;	Score 1174;	DB 10;	Length 1174;			
	Best Local Similarity	100.0%;	Pred. No. 0;					
	Matches 1174;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;			
QY	1	CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG	60					
Db	1	CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG	60					
QY	61	GGGAACAAGATGGCGGGCCGCGAAGGGAGAGCTCTGGGTGAGGACCCAACTGGGCTCCCG	120					
Db	61	GGGAACAAGATGGCGGGCCGCGAAGGGAGAGCTCTGGGTGAGGACCCAACTGGGCTCCCG	120					
QY	121	CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA	180					
Db	121	CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA	180					
QY	181	TTTGACTCGTCTTGGGTGATACGGCGCTCTTGCCACCGGCGCTGTTCAGTTGACTTACCCC	240					
Db	181	TTTGACTCGTCTTGGGTGATACGGCGCTCTTGCCACCGGCGCTGTTCAGTTGACTTACCCC	240					
QY	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCCAGAGGTTGCAGGCTGTTT	300					
Db	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCCAGAGGTTGCAGGCTGTTT	300					
QY	301	TCAATTTGTGCTGTTGGTATGATGGAATTGACTTAAATCGAACTAAATGGGAATGTAA	360					
Db	301	TCAATTTGTGCTGTTGGTATGATGGAATTGACTTAAATCGAACTAAATGGGAATGTAA	360					
QY	361	TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTC	420					
Db	361	TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTC	420					
QY	421	CAGAATCAGCTGCCATTGCTGAACTGAGACAAAGCAACTTATGTCCTGATGCCAAA	480					
Db	421	CAGAATCAGCTGCCATTGCTGAACTGAGACAAAGCAACTTATGTCCTGATGCCAAA	480					
QY	481	ATGCACCTACTCTTCTCTAATCTGCTGAGGTCATCTTGGAGTGACATGATGACTCC	540					
Db	481	ATGCACCTACTCTTCTCTAATCTGCTGAGGTCATCTTGGAGTGACATGATGACTCC	540					
QY	541	GCACAGAGCTTCATAACCTCTTCAATGGACTTTTATCTTCAAGCCGATGACGGAAAATA	600					
Db	541	GCACAGAGCTTCATAACCTCTTCAATGGACTTTTATCTTCAAGCCGATGACGGAAAATA	600					
QY	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTACA	660					
Db	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTACA	660					
QY	661	AATTTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAATGAGAAATTCACAAGCG	720					
Db	661	AATTTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAATGAGAAATTCACAAGCG	720					
QY	721	CACAGGAATTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCTCTCTCTTAAC	780					

Db	721	CACAGGAATTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCTCTCTCTTAAC	780
QY	781	TCTGGGTGATTTTAACTACAACTCTTGTCTCTCTCGGTGATGGTATGCTTTGGATTTGT	840
Db	781	TCTGGGTGATTTTAACTACAACTCTTGTCTCTCTCGGTGATGGTATGCTTTGGATTTGT	840
QY	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
Db	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
QY	901	GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG	960
Db	901	GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG	960
QY	961	GTTGTTAGATCTAAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT	1020
Db	961	GTTGTTAGATCTAAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT	1020
QY	1021	CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA	1080
Db	1021	CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA	1080
QY	1081	AATTCACCTCCTCATAGAGCTTTTAAATGGTTTTCATTTGGATATAGGCCTTAAGAAATCA	1140
Db	1081	AATTCACCTCCTCATAGAGCTTTTAAATGGTTTTCATTTGGATATAGGCCTTAAGAAATCA	1140
QY	1141	CTATAAATGCAATAAAGTTACTCAAAATCTGTG	1174
Db	1141	CTATAAATGCAATAAAGTTACTCAAAATCTGTG	1174

RESULT 181

ADD86224

ID ADD86224 standard; cdna; 1174 BP.

XX AC ADD86224;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polynucleotide #136.

XX KW Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;

XX KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

XX KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

XX KW liver; microvascular endothelial cell; glucose; FFA;

XX KW skeletal muscle cell; adipocyte cell; pericyte cell;

XX KW inner ear utricular supporting cell; T-lymphocyte cell;

XX KW endothelial cell tube formation; bone disorder; cartilage disorder;

XX KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

XX KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

XX KW immune system cell infiltration.

XX OS Homo sapiens.

XX PN US2003203440-A1.

XX PD 30-OCT-2003.

XX PF 29-MAY-2002; 2002US-00157798.

XX PR 05-JUN-2000; 2000US-0209832P.

XX PR 01-DEC-2000; 2000WO-US032678.

XX PR 19-DEC-2001; 2001US-00028072.

XX PA (GETH) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Fillvaroff E, Gao W;

XX PI Gerritsen ME, Goddard A, Godowski P, Gurney AL, Sherwood S;

XX PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WIPI; 2004-021363/02.

XX DR P-PSDB; ADD86225.

XX

PT New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PT PRO4978, useful in molecular biology, chromosome and gene mapping, in
XX generating antisense RNA and DNA, and in gene therapy.
PS Claim 2; Fig 271; 637pp; English.

XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.

XX
SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match
Best Local Similarity 100.0%; Score 1174; DB 10; Length 1174;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CGGACGCGTGGGGAAACCCCTCCGAGAAACACAGCAACAGCTGAGCTGTGTGACAGAG	60
Db	1	CGGACGCGTGGGGAAACCCCTCCGAGAAACACAGCAACAGCTGAGCTGTGTGACAGAG	60
QY	61	GGGAACAAGATGGCGCGCGCCGAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG	120
Db	61	GGGAACAAGATGGCGCGCGCCGAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG	120
QY	121	CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA	180
Db	121	CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA	180
QY	181	TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC	240
Db	181	TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC	240
QY	241	TTGCACACCTACCCCTAAGGAAGAGAGTTGTACCGCATGTGACAGAGGTTGAGGCTGTTT	300
Db	241	TTGCACACCTACCCCTAAGGAAGAGAGTTGTACCGCATGTGACAGAGGTTGAGGCTGTTT	300
QY	301	TCAATTTGTGAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA	360
Db	301	TCAATTTGTGAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA	360
QY	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC	420
Db	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC	420

QY	421	CAGAATCAGCTGCCATTGCTGAAGTGAAGCAAGCAACAACTTATGTCCCTGATGCCAAA	480
Db	421	CAGAATCAGCTGCCATTGCTGAAGTGAAGCAAGCAACAACTTATGTCCCTGATGCCAAA	480
QY	481	ATGCACCTACTCTTCTCTTAAGTCTGGTGAAGTCAATCTGGAGTGACATGATGGACTCC	540
Db	481	ATGCACCTACTCTTCTCTTAAGTCTGGTGAAGTCAATCTGGAGTGACATGATGGACTCC	540
QY	541	GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA	600
Db	541	GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA	600
QY	601	GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCTTACA	660
Db	601	GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCTTACA	660
QY	661	AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG	720
Db	661	AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG	720
QY	721	CACAGGAATTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCCTCTCTTTAAC	780
Db	721	CACAGGAATTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCCTCTCTTTAAC	780
QY	781	TCTGGTGGATTTTAACTACAACCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT	840
Db	781	TCTGGTGGATTTTAACTACAACCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT	840
QY	841	TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGTGAATCTAT	900
Db	841	TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGTGAATCTAT	900
QY	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG	960
Db	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG	960
QY	961	GTTGTTAGATCTAATAACTGAAGATCATGAAGAAGCAGGGCTCTACCTACAAAAGTGAAT	1020
Db	961	GTTGTTAGATCTAATAACTGAAGATCATGAAGAAGCAGGGCTCTACCTACAAAAGTGAAT	1020
QY	1021	CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA	1080
Db	1021	CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA	1080
QY	1081	AATTCACCTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA	1140
Db	1081	AATTCACCTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA	1140
QY	1141	CTATAAAATGCAAAATAAGTTACTCAAAATCTGTG	1174
Db	1141	CTATAAAATGCAAAATAAGTTACTCAAAATCTGTG	1174

RESULT 182

ADE75672

ID ADE75672 standard; cDNA; 1174 BP.

AC ADE75672;

XX 29-JAN-2004 (first entry)

DT Human PRO polynucleotide #136.

DE Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

immune system cell infiltration.

Homo sapiens.

US2003211571-A1.

13-NOV-2003.

20-MAY-2002; 2002US-00152405.

03-MAR-2000; 2000US-0187202P.

01-DEC-2000; 2000WO-US032678.

19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W, Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S, Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2004-051576/05.

P-PSDB; ADE75673.

New secreted and transmembrane PRO polypeptide and nucleic acid encoding it, for use in gene therapy, as diagnostic markers for the presence of a disease condition, or as therapeutic targets for treating tumors, diabetes, or arthritis.

Claim 2; Fig 271; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polynucleotide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at seqdata.uspto.gov/sequence.html.

Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGCGCGCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAAGATGGCGCGCGCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGTGTCTGTCTGCTGACCATGGCCTTGGCCGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCGTGTCTGTCTGCTGACCATGGCCTTGGCCGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTTGGGTGATACGGCGCTTTCGCCACCGGGCCTGTCACTGACCTACCC 240
DB 181 TTTGACTCGGTCTTTGGGTGATACGGCGCTTTCGCCACCGGGCCTGTCACTGACCTACCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACCGCATGTTCAGAGAGTTGCAGGCTGTTT 300
DB 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACCGCATGTTCAGAGAGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGATGTTGGATGATGGAATTTGACTTAATCGAACTAAATGGAATGTGAA 360
DB 301 TCAATTTGTGATGTTGGATGATGGAATTTGACTTAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGTAGTACCAATATGCTTCCCATCTTGGTTGC 420
DB 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGTAGTACCAATATGCTTCCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAATGAGACAGAACTTATGTCTCTGATGCCAAA 480
DB 421 CAGAAATCAGCTGCCATTCGCTGAATGAGACAGAACTTATGTCTCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTTCCCTTAACCTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
DB 481 ATGCACCTACTCTTTTCCCTTAACCTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATA 600
DB 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACACATTTGGAGAGGAGCCTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACACATTTGGAGAGGAGCCTACA 660
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
DB 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
DB 721 CACAGGAATTTTCTTGAAGATGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACCTCTTGTCTCTCGTGATGTTTGGATTTGT 840
DB 781 TCTGGTGGATTTTAACTACAACCTCTTGTCTCTCGTGATGTTTGGATTTGT 840
QY 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGATCTAT 900
DB 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
DB 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
DB 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA 1140

Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
Qy 301 TCAATTTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAATAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAATAAATTTGGAATGTGAA 360
Qy 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Qy 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCTGATGCCAAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCTGATGCCAAAA 480
Qy 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCATTTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCATTTCTGGAGTGACATGATGGACTCC 540
Qy 541 GCACAGAGCTTTCATAACCTCTTATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTTCATAACCTCTTATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCCTACA 660
Qy 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Qy 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGTGTGATGGTATTTGTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGTGTGATGGTATTTGTTGGATTTGT 840
Qy 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGATCTAT 900
Db 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
Qy 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATTTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Qy 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Qy 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 184
ADE41257

ID ADE41257 standard; cdna; 1174 BP.

XX AC ADE41257;

XX DT 29-JAN-2004 (first entry)

XX XX Human secreted/transmembrane PRO polypeptide cdna #4.

XX ss; gene; human; secreted protein; transmembrane protein;
KW cardiovascular disorder; endothelial disorder; angiogenic disorder;
KW myocardial infarction; cardiac hypertrophy; trauma; cancer;
KW age-related macular degeneration; angiogenesis;
KW endothelial cell apoptosis; smooth muscle cell growth;
KW endothelial cell tube formation.
XX Homo sapiens.
OS US2003100497-A1.
XX 29-MAY-2003.
PN 16-AUG-2002; 2002US-00223085.
PD 20-JUN-2001; 2001WO-US019692.
XX 09-JUL-2001; 2001WO-US021735.
PR 20-FEB-2002; 2002US-00081056.
XX (GETH) GENENTECH INC.
PI Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A;
PI Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Stephan JF;
PI Watanabe CK, Williams PM, Wood WI, Ye W;
XX WPI; 2004-008957/01.
DR P-PSDB; ADE41258.
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO205 or
PT PRO214, useful in molecular biology, chromosome and gene mapping, in
PT generating antisense RNA and DNA, and for treating disorders involving
PT angiogenesis.
XX Claim 2; SEQ ID NO 7; 492pp; English.
PS The invention relates to an isolated nucleic acid encoding a secreted and
XX transmembrane polypeptide (PRO). The nucleic acid, a polypeptide encoded
CC by the nucleic acid, or an agonist or antagonist, is used to treat a
CC cardiovascular, endothelial, or angiogenic disorder in a mammal,
CC preferably a human. The human may have suffered a myocardial infarction
CC or has cardiac hypertrophy, trauma, a cancer, or age-related macular
CC degeneration. The cardiac hypertrophy is characterised by the presence of
CC an elevated level of PGF-2 alpha. A PRO polypeptide, given in the
CC specification, or an agonist is used to inhibit or stimulate endothelial
CC cell growth in a mammal. PRO21 or an agonist is used to induce cardiac
CC hypertrophy. PRO1376 or PRO1449 is used to stimulate angiogenesis.
CC PRO4302 or an agonist is used to induce endothelial cell apoptosis. A PRO
CC polypeptide, given in the specification, or an agonist is used to
CC stimulate or inhibit smooth muscle cell growth, or to induce endothelial
CC cell tube formation. The present sequence represents a cDNA encoding a
CC PRO polypeptide of the invention.
XX Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAACAGCAACAGCTGAGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAACAGCAACAGCTGAGTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGGCGGAGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGGAGGAGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGTGACCATGGCCTTGGCCGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCCTTGGCCGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTGCCACCGGGCCTGTGAGTACCTACCCC 240

Db 181 TTGACTCGGCTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTTGACCTACCC 240

Qy 241 TTGCACACCTACCTAAGGAAGAGAGGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300

Db 241 TTGCACACCTACCTAAGGAAGAGAGGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300

Qy 301 TCAATTTGTTCAGTTTGTGGATGATGGAATTGACTTAAATCGAATAAATTTGGAATGTGAA 360

Db 301 TCAATTTGTTCAGTTTGTGGATGATGGAATTGACTTAAATCGAATAAATTTGGAATGTGAA 360

Qy 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420

Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420

Qy 421 CAGAATCAGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480

Db 421 CAGAATCAGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480

Qy 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGGTCACTTCTGGAGTGACATGATGGAATCC 540

Db 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGGTCACTTCTGGAGTGACATGATGGAATCC 540

Qy 541 GCACAGAGCTTCATAACCTCTTCATGGACCTTTTATCTTCAAGCCGATGACGGAAAATA 600

Db 541 GCACAGAGCTTCATAACCTCTTCATGGACCTTTTATCTTCAAGCCGATGACGGAAAATA 600

Qy 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTAGCCACCACTTTGGAGCAGGAGCCTACA 660

Db 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTAGCCACCACTTTGGAGCAGGAGCCTACA 660

Qy 661 AATTGAGAGAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720

Db 661 AATTGAGAGAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720

Qy 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTAAC 780

Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTAAC 780

Qy 781 TCTGGGTGATTTTAACTACAACCTCTTGTCTCTCGGTGATGATGTTGCTTTGGATTGT 840

Db 781 TCTGGGTGATTTTAACTACAACCTCTTGTCTCTCGGTGATGATGTTGCTTTGGATTGT 840

Qy 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAGCAAGATATCCAGCTTCTTCTCTGTG 960

Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAGCAAGATATCCAGCTTCTTCTCTGTG 960

Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020

Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020

Qy 1021 CTTGCTCATTTCTGAAATTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080

Db 1021 CTTGCTCATTTCTGAAATTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080

Qy 1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCCTTAAGAAATCA 1140

Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCCTTAAGAAATCA 1140

Qy 1141 CTATAAAATGCAATTAAGTTACTCAAAATCTGTG 1174

Db 1141 CTATAAAATGCAATTAAGTTACTCAAAATCTGTG 1174

RESULT 185
ADE23248
ID ADE23248 standard; cDNA; 1174 BP.
XX
AC ADE23248;
XX

DT 29-JAN-2004 (first entry)

XX cDNA encoding human PRO polypeptide #136.

DE Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;

XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

KW immune system cell infiltration.

XX Homo sapiens.

OS US2003092108-A1.

XX 15-MAY-2003.

PN 24-APR-2002; 2002US-00131835.

XX 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2004-020234/02.

DR P-PSDB; ADE23249.

XX New secreted and transmembrane nucleic acids and polypeptides, designated

PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,

PT cardiac injury, infertility, birth defects, premature aging, AIDS, or

PT cancer.

XX Claim 2; Fig 271; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating

CC proliferation of or gene expression in pericyte cells, for stimulating

CC the proliferation of inner ear utricular supporting cells or T-lymphocyte

CC cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and

CC arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems, PRO

CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

CC polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalassaemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This

CC sequence encodes a human PRO polypeptide of the invention. Note: The

CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.

XX SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;
Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGCTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db |||||
QY 61 GGGAAACAAGATGGCGCGCGCGGAGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db |||||
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db |||||
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGGCCCTGTCACTTGACCTACCCC 240
Db |||||
QY 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCAATGTCAGAGAGGTTGCAGGCTGTTT 300
Db |||||
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
Db |||||
QY 361 TCTGATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db |||||
QY 421 CAGAAATCAGCTGCCATTGGCTGAACTGAGACAAGAACTTATGTCCCTGATGCCAAA 480
Db |||||
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCATCTGGAGTGACATGAGACTCC 540
Db |||||
QY 541 GCACAGAGTTTCAATACCTCTTCAATGGACTTTTATCTTCAAGCCGATGACGGAATA 600
Db |||||
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGACACACATTTGGAGCAGGAGCCTACA 660
Db |||||
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCCTATCTGCAATGAGAAATTCACAAGCG 720
Db |||||
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAC 780
Db |||||
QY 781 TCTGGGTGATTTAACTACAACCTTGTCTCTCGGTGATGATTTGCTTTGGATTGT 840
Db |||||
QY 841 TGTGCAACTTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGATATCTAT 900
Db |||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
Db |||||

QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db |||||
QY 1021 CTTGCTCATTTCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db |||||
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCTTAAGAAATCA 1140
Db |||||
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db |||||

RESULT 186
ADE23800
ID ADE23800 standard; cDNA; 1174 BP.

XX AC ADE23800;
XX DT 29-JAN-2004 (first entry)
XX DE cDNA encoding human PRO polypeptide #136.
XX KW Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; PFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

XX OS Homo sapiens.

XX PN US2003092110-A1.

XX PD 15-MAY-2003.

XX PF 03-MAY-2002; 2002US-00137864.

XX PR 03-MAR-2000; 2000US-0187202P.

XX PR 01-DEC-2000; 2000WO-US032678.

XX PR 19-DEC-2001; 2001US-00028072.

XX PA (GETH) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX DR WPI; 2004-020235/02.

XX DR P-PSDB; ADE23801.

XX PT New secreted and transmembrane nucleic acids and polypeptides, designated

XX PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,

XX PT cardiac injury, infertility, birth defects, premature aging, AIDS, or

XX PT cancer.

XX PS Claim 2; Fig 271; 637pp; English.

XX CC The invention relates to isolated human PRO polypeptides (secreted and

XX CC transmembrane polypeptides) and the polynucleotides encoding them. The

XX CC invention also relates to an antibody which specifically binds to a PRO

XX CC polypeptide, a method for stimulating the release of tumour necrosis

XX CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

XX CC proliferation or differentiation of chondrocyte cells and a method for

XX CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

XX (GETH) GENENTECH INC.

PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2004-020236/02.

DR P-PSDB; ADE24444.

DR

XX New secreted and transmembrane nucleic acid useful for treating

PT inflammation, organ failure, atherosclerosis, cardiac injury,

PT infertility, birth defects, premature aging, acquired immunodeficiency

PT syndrome, or cancer.

XX

PS Claim 2; Fig 271; 637pp; English.

XX

CC The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating

CC proliferation of or gene expression in pericyte cells, for stimulating

CC the proliferation of inner ear utricular supporting cells or T-lymphocyte

CC cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and

CC arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems,

CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

CC polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalassaemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This

CC sequence encodes a human PRO polypeptide of the invention. Note: The

CC sequence data for this patent is also available in electronic format from

CC the USPTO website at seqdata.uspto.gov.

XX

SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 10; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60

Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAGATGGCGGCGCCGAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

Db 61 GGGAAACAGATGGCGGCGCCGAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180

Db 121 CCGCTGCTGCTGTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGCTTGGGTGATACGGCGCTCTTGCCACCGGGCCCTGTGAGTTGACCTACCCC 240

Db 181 TTTGACTCGGCTTGGGTGATACGGCGCTCTTGCCACCGGGCCCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGAGGTTGCAGGCTGTTT 300

Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTTGTGCTGTTTGTGGATGATGGAATTTGACTTAAATCGAACAATAAATTTGGAATGTGA 360

Db 301 TCAATTTGTGCTGTTTGTGGATGATGGAATTTGACTTAAATCGAACAATAAATTTGGAATGTGA 360

QY 361 TCTGCATGTACAGAACCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

Db 361 TCTGCATGTACAGAACCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCTGATGCCAAAA 480

Db 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCTGATGCCAAAA 480

QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGGAGTCAATCTGGAGTGACATGATGGACTCC 540

Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGGAGTCAATCTGGAGTGACATGATGGACTCC 540

QY 541 GCACAGAGCTTCAATAACCTCTTCAATGAGCTTTTATCTTCAAGCGGATGACGGAAAAATA 600

Db 541 GCACAGAGCTTCAATAACCTCTTCAATGAGCTTTTATCTTCAAGCGGATGACGGAAAAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCACATTTGGAGCAGGAGCTTACA 660

Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCACATTTGGAGCAGGAGCTTACA 660

QY 661 AATTGAGAGAAATCACTCTAAGCAAAATGTCCTATCTGCAATGAGAAAAATTCACAAGCG 720

Db 661 AATTGAGAGAAATCACTCTAAGCAAAATGTCCTATCTGCAATGAGAAAAATTCACAAGCG 720

QY 721 CACAGGAATTTTCTTGAAGATGGAGAAATGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780

Db 721 CACAGGAATTTTCTTGAAGATGGAGAAATGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780

QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840

Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840

QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960

Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960

QY 961 GTTGTGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTTACCTACAAAAGTGAAT 1020

Db 961 GTTGTGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATTTGGATATAGGCCCTTAAGAAATCA 1140

Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATTTGGATATAGGCCCTTAAGAAATCA 1140

QY 1141 CTATAAAATGCAAAATAAAGTTACTCAATCTGTG 1174

Db 1141 CTATAAAATGCAAAATAAAGTTACTCAATCTGTG 1174

RESULT 188

ADD87268

ID ADD87268 standard; cDNA; 1174 BP.

XX

AC ADD87268;

XX

DT 29-JAN-2004 (first entry)

XX

Human PRO polynucleotide #136.

Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour; cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix; liver; microvascular endothelial cell; glucose; FFA; skeletal muscle cell; adipocyte cell; pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell; endothelial cell tube formation; bone disorder; cartilage disorder; sports injury; proteoglycan; articular cartilage defect; osteoarthritis; rheumatoid arthritis; haemoglobin-associated disorder thalassaemia; immune system cell infiltration.

OS Homo sapiens.

XX US2003203439-A1.

XX 30-OCT-2003.

XX 17-MAY-2002; 2002US-00147499.

XX 04-AUG-1998; 98US-0095301P.

PR 02-JUN-1999; 99WO-US012252.

PR 30-MAR-2000; 2000US-00380137.

PR 30-MAR-2000; 2000WO-US008439.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W; Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S; PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z; XX

DR WPI; 2004-021362/02.

DR P-PSDB; ADD87269.

XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or PRO4978, useful in molecular biology, chromosome and gene mapping, in generating antisense RNA and DNA, and in gene therapy.

PS Claim 2; Fig 271; 648pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This

CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGGAACCCCTTCCGAGAAAACAGCAACAAGCTGAGTGTGTGACAGAG 60
Db |||||
QY 61 GGGAAACAAGATGGCGGCGCCGAAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db |||||
QY 121 CCGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGGACCGCTTCGGCTGAAGCA 180
Db |||||
QY 181 TTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGGCCCTGTGACCTACCCC 240
Db |||||
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
Db |||||
QY 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTAA 360
Db |||||
QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db |||||
QY 421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAAGAAACAATTTATGTCCTGATGCCAAAA 480
Db |||||
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCATTCTGGAGTGACATGAGGACTCC 540
Db |||||
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db |||||
QY 601 GTTATATTCAGTCTAAGCCAGAAAATCCAGTACGACCAACCATTTGGAGCAGGAGCTTACA 660
Db |||||
QY 661 AATTGAGAGAATCACTCTTAAGCAAAATGTCCTATCTGCAAAATGAGAAAATTCACAAGCG 720
Db |||||
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db |||||
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db |||||
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGATGTTCCCTCTGTGAGAGCTGAGTATCTAT 900
Db |||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTCTTG 960
Db |||||

[illegible]

XX (GETH) GENENTECH INC.

XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2004-041360/04.

DR P-PSDB; ADE89135.

XX Novel isolated PRO polypeptide useful for treating diabetes, hyper- or

PT hypo-insulinemia, sports injuries, arthritis, obesity, stroke, heart

PT attack, various coagulation disorders, tumors.

XX Claim 2; SEQ ID NO 271; 638pp; English.

PS The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating

CC proliferation of or gene expression in pericyte cells, for stimulating

CC the proliferation of inner ear utricular supporting cells or T-lymphocyte

CC cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and

CC arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems,

CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

CC polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalassaemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This

CC sequence represents a human PRO polynucleotide of the invention. Note:

CC The sequence data for this patent is also available in electronic format

CC from USPTO at seqdata.uspto.gov/sequence.html.

XX

SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;

Query Match 100.0%; Score 1174; DB 10; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGGTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGTGACAGAG 60

Db 1 CGGACCGGTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGTGACAGAG 60

QY 61 GGGACAAGATGGCGGCGCGGCGGAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120

Db 61 GGGACAAGATGGCGGCGCGGCGGAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCCATGGCCCTTGGCCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180

Db 121 CCGCTGCTGCTGCTGACCCATGGCCCTTGGCCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTTGGGTGATACGGCGCTTTGCCACCGGGCCCTGTCACTTACCTACCCC 240

Db 181 TTTGACTCGGTCTTTGGGTGATACGGCGCTTTGCCACCGGGCCCTGTCACTTACCTACCCC 240

QY 241 TTGCACACCTACCCTAAGGAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT 300

Db 241 TTGCACACCTACCCTAAGGAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTTGTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360

Db 301 TCAATTTGTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360

QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC 420

Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC 420

QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAAGCAAACTATGTCCTGATGCCAAA 480

Db 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAAGCAAACTATGTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCATTTCTGGAGTGACATGAGACTCC 540

Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCATTTCTGGAGTGACATGAGACTCC 540

QY 541 GCACAGAGCTTTCATACCTCTTCATGGACCTTTTATCTTCAAGCCGATGACGGAAAATA 600

Db 541 GCACAGAGCTTTCATACCTCTTCATGGACCTTTTATCTTCAAGCCGATGACGGAAAATA 600

QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCTTACA 660

Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCTTACA 660

QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAAGCG 720

Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGTGGCTTTTAAAGATGCTCTCTCTTAAC 780

Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGTGGCTTTTAAAGATGCTCTCTCTTAAC 780

QY 781 TCTGGTGGATTTTAACTAACACTCTTGTCTCTCGGTGATGGTATTGCTTGGATTGT 840

Db 781 TCTGGTGGATTTTAACTAACACTCTTGTCTCTCGGTGATGGTATTGCTTGGATTGT 840

QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900

Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900

QY 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960

Db 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960

QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020

Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080

Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCAATTTGGATATAGGCCCTTAAGAAATCA 1140

Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCAATTTGGATATAGGCCCTTAAGAAATCA 1140

QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

Db 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 190

ADE18273

ID ADE18273 standard; cDNA; 1174 BP.

XX

AC ADE18273;

XX

DT 29-JAN-2004 (first entry)

XX

DE Human PRO polynucleotide #136.

XX Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003194794-A1.
XX
PD 16-OCT-2003.
XX
PF 17-APR-2002; 2002US-00125805.
XX
PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2004-021079/02.
DR P-PSDB; ADE18274.
XX
PT New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PT PRO4978, for use in molecular biology, chromosome and gene mapping, in
PT generating antisense RNA and DNA, and in gene therapy.
XX
PS Claim 2; SEQ ID NO 271; 638pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumors, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems, PRO
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.

SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;
Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGGCGGAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAAGATGGCGGCGGCGGCGGAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTGGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGCTTGGGTGATACGGCGTCTTGGCCACGGGCGCTGTCAAGTTGACCTACCCC 240
DB 181 TTTGACTCGGCTTGGGTGATACGGCGTCTTGGCCACGGGCGCTGTCAAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
DB 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTGTTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTTAAATGGAATGTGAA 360
DB 301 TCAATTGTTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTTAAATGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
DB 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTTCGTGAACCTGAGACAGAACAACTTATGTCCCTGATGCCAAA 480
DB 421 CAGAATCAGCTGCCATTTCGTGAACCTGAGACAGAACAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCCCTTAACCTCTGGTGAGGTCATTTCTGGAGTGACATGATGGACTCC 540
DB 481 ATGCACCTACTCTTTCCCTTAACCTCTGGTGAGGTCATTTCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600
DB 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600
QY 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCCTACA 660
DB 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCCTACA 660

QY 661 AATTGAGAGAAATCATCTTAAGCAAAATGTCTTATCTGCAAATGAGAAATTCACAAGCG 720
DB 661 AATTGAGAGAAATCATCTTAAGCAAAATGTCTTATCTGCAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
DB 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCTGGTGATGGTATTGCTTGGATTGT 840
DB 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCTGGTGATGGTATTGCTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGTGTGGAGCAGTATGTTCCCTCTCGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGTGTGGAGCAGTATGTTCCCTCTCGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
DB 901 GGTGACTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATGACATCTAA 1080
DB 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATGACATCTAA 1080
QY 1081 AATTCACACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
DB 1081 AATTCACACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 191

ADE88582
ID ADE88582 standard; cDNA; 1174 BP.

XX AC ADE88582;

XX DT 29-JAN-2004 (first entry)

XX XX Human PRO polynucleotide #136.

DE Human; gene; ss; PRO; secreted polypeptide; transmembrane polypeptide;
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

XX OS Homo sapiens.

XX PN US2003199054-A1.

XX PD 23-OCT-2003.

XX PF 12-APR-2002; 2002US-00121054.

XX PR 31-MAR-1997; 97WO-US005230.

XX PR 12-JUN-1998; 98WO-US012456.

XX PR 14-JUL-1998; 98WO-US014552.

XX PR 28-AUG-1998; 98WO-US017888.

XX PR 10-SEP-1998; 98WO-US018824.

XX PR 14-SEP-1998; 98WO-US019093.

XX PR 14-SEP-1998; 98WO-US019094.

PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 28-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.

PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

XX
PA (GETH) GENENTECH INC.

XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX
DR WPI; 2004-041356/04.
DR P-PSDB; ADE88583.

XX
PT Novel secreted and transmembrane polypeptides, PRO useful for treating
PT bone disorders, arthritis, heart attack, injuries, tumors, and
PT stimulating release of TNF-alpha from human blood.

XX
PS Claim 2; SEQ ID NO 271; 638pp; English.

XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polynucleotide of the invention. Note:
CC The sequence data for this patent is also available in electronic format
CC from USPTO at seqdata.uspto.gov/sequence.html.

XX
SQ Sequence 1174 BP; 325 A; 250 C; 275 G; 324 T; 0 U; 0 Other;
Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174;		Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	1	CGGACGCTGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG	60						
Dd	1	CGGACGCTGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG	60						
Qy	61	GGGAACAAGATGGCGGCGCCGAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120						
Dd	61	GGGAACAAGATGGCGGCGCCGAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120						
Qy	121	CCGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTTCGGGACCGCTTCGGGTGAAGCA	180						
Dd	121	CCGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTTCGGGACCGCTTCGGGTGAAGCA	180						
Qy	181	TTTGACTCGGTCTTGGGTGATACGGGCTCTTGCCACCGGSCCTGTGAGTTGACCTACCCC	240						
Dd	181	TTTGACTCGGTCTTGGGTGATACGGGCTCTTGCCACCGGSCCTGTGAGTTGACCTACCCC	240						
Qy	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGGTTGCAGGCTGTTT	300						
Dd	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGGTTGCAGGCTGTTT	300						
Qy	301	TCAATTTGTCAAGTTTGTGGATGATGGAATGACTTAAATCGAACTAAATGGAATGTGAA	360						
Dd	301	TCAATTTGTCAAGTTTGTGGATGATGGAATGACTTAAATCGAACTAAATGGAATGTGAA	360						
Qy	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC	420						
Dd	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC	420						
Qy	421	CAGAAATCAGCTGCCATTTCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA	480						
Dd	421	CAGAAATCAGCTGCCATTTCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA	480						
Qy	481	ATGCACCTACTCTTCTCTTAACCTGGTGAGGTCAATTCGAGTGACATGATGGACTCC	540						
Dd	481	ATGCACCTACTCTTCTCTTAACCTGGTGAGGTCAATTCGAGTGACATGATGGACTCC	540						
Qy	541	GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA	600						
Dd	541	GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA	600						
Qy	601	GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTACA	660						
Dd	601	GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTACA	660						
Qy	661	AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAGCG	720						
Dd	661	AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAGCG	720						
Qy	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAAC	780						
Dd	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAAC	780						
Qy	781	TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGATGTTGCTTTGGATTTGT	840						
Dd	781	TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGATGTTGCTTTGGATTTGT	840						
Qy	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT	900						
Dd	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT	900						
Qy	901	GGTGACTTGGAGTTTATGAATGAACAAAGTAAACAGATATCCAGCTTCTTCTCTGTG	960						
Dd	901	GGTGACTTGGAGTTTATGAATGAACAAAGTAAACAGATATCCAGCTTCTTCTCTGTG	960						
Qy	961	GTTGTTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT	1020						
Dd	961	GTTGTTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT	1020						
Qy	1021	CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA	1080						
Dd	1021	CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA	1080						

Qy	1081	AATCCACTCCTCATAGAGCTTTTAAAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA	1140
Dd	1081	AATCCACTCCTCATAGAGCTTTTAAAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA	1140
Qy	1141	CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG	1174
Dd	1141	CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG	1174
RESULT 192			
ADE89764			
ID	ADE89764	standard; cDNA; 1174 BP.	
XX	ADE89764;		
AC	ADE89764;		
XX	29-JAN-2004	(first entry)	
DE	Human cDNA encoding secreted/transmembrane protein, PRO195.		
KW	Human; ss; gene; secreted protein; transmembrane protein; PRO; cytosolic; ophthalmological; antiarthritic; osteopathic; antirheumatic;		
KW	vulnerable; auditory; tumour growth; retinal disorder;		
KW	sports-related joint problem; articular cartilage defects;		
KW	osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.		
OS	Homo sapiens.		
XX	US2003130181-A1.		
XX	10-JUL-2003.		
PD	16-OCT-2001; 2001US-00978375.		
XX	17-OCT-1997; 97US-0062250P.		
PR	03-NOV-1997; 97US-0064249P.		
PR	13-NOV-1997; 97US-0065311P.		
PR	21-NOV-1997; 97US-0066364P.		
PR	10-MAR-1998; 98US-0077450P.		
PR	11-MAR-1998; 98US-0077632P.		
PR	11-MAR-1998; 98US-0077641P.		
PR	11-MAR-1998; 98US-0077649P.		
PR	12-MAR-1998; 98US-0077791P.		
PR	13-MAR-1998; 98US-0078004P.		
PR	20-MAR-1998; 98US-0078886P.		
PR	20-MAR-1998; 98US-0078910P.		
PR	20-MAR-1998; 98US-0078936P.		
PR	20-MAR-1998; 98US-0078939P.		
PR	25-MAR-1998; 98US-0079294P.		
PR	26-MAR-1998; 98US-0079656P.		
PR	27-MAR-1998; 98US-0079663P.		
PR	27-MAR-1998; 98US-0079664P.		
PR	27-MAR-1998; 98US-0079689P.		
PR	27-MAR-1998; 98US-0079728P.		
PR	27-MAR-1998; 98US-0079786P.		
PR	30-MAR-1998; 98US-0079920P.		
PR	30-MAR-1998; 98US-0079923P.		
PR	31-MAR-1998; 98US-0080105P.		
PR	31-MAR-1998; 98US-0080107P.		
PR	31-MAR-1998; 98US-0080165P.		
PR	31-MAR-1998; 98US-0080194P.		
PR	01-APR-1998; 98US-0080327P.		
PR	01-APR-1998; 98US-0080328P.		
PR	01-APR-1998; 98US-0080333P.		
PR	01-APR-1998; 98US-0080334P.		
PR	08-APR-1998; 98US-0081049P.		
PR	08-APR-1998; 98US-0081070P.		
PR	08-APR-1998; 98US-0081071P.		
PR	09-APR-1998; 98US-0081195P.		
PR	09-APR-1998; 98US-0081203P.		
PR	09-APR-1998; 98US-0081229P.		
PR	15-APR-1998; 98US-0081817P.		
PR	15-APR-1998; 98US-0081819P.		

PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082796P.
PR 27-APR-1998; 98US-0083336P.
PR 28-APR-1998; 98US-0083322P.
PR 29-APR-1998; 98US-0083392P.
PR 29-APR-1998; 98US-0083495P.
PR 29-APR-1998; 98US-0083496P.
PR 29-APR-1998; 98US-0083499P.
PR 29-APR-1998; 98US-0083500P.
PR 29-APR-1998; 98US-0083545P.
PR 29-APR-1998; 98US-0083554P.
PR 29-APR-1998; 98US-0083558P.
PR 29-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0084366P.
PR 06-MAY-1998; 98US-0084414P.
PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
PR 07-MAY-1998; 98US-0084639P.
PR 07-MAY-1998; 98US-0084640P.
PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085338P.
PR 13-MAY-1998; 98US-0085339P.
PR 15-MAY-1998; 98US-0085573P.
PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-0085580P.
PR 15-MAY-1998; 98US-0085582P.
PR 15-MAY-1998; 98US-0085689P.
PR 15-MAY-1998; 98US-0085697P.
PR 15-MAY-1998; 98US-0085700P.
PR 15-MAY-1998; 98US-0085704P.
PR 18-MAY-1998; 98US-0086023P.
PR 22-MAY-1998; 98US-0086392P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.

PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146232P.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX

PA (ASHK/) ASHKENAZI A J.
PA (BAKE/) BAKER K P.
PA (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (EATO/) EATON D L.
PA (FERR/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GIRM/) GIRMALDI J C.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (KLJA/) KLJAVIN I J.
PA (KUOS/) KUO S S.
PA (NAPI/) NAPIER M A.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N F.
PA (ROYM/) ROY M A.
PA (SHEL/) SHELTON D L.
PA (STEW/) STEWART T A.
PA (TUMA/) TUMAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
XX

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCTTCCGAGAAAACAGCAACAAGCTGAGCTGTGTGACAGAG 60
|||||

Db 1 CGGACGCGTGGGGAACCCCTTCGAGAAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG 60

Qy 61 GGGAAACAAGATGGCGCGCGAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

Db 61 GGGAAACAAGATGGCGCGCGAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

Qy 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180

Db 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180

Qy 181 TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAAGTTGACCTACCCC 240

Db 181 TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAAGTTGACCTACCCC 240

Qy 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAAGAGGTTGCAGGCTGTTT 300

Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAAGAGGTTGCAGGCTGTTT 300

Qy 301 TCAATTTGTGAGTGAATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360

Db 301 TCAATTTGTGAGTGAATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360

Qy 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

Qy 421 CAGAATCAGTGCCTTTCCTTAAGTGAATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 480

Db 421 CAGAATCAGTGCCTTTCCTTAAGTGAATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 480

Qy 481 ATGCACCTACTCTTTCTTAAGTGAATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 540

Db 481 ATGCACCTACTCTTTCTTAAGTGAATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 540

Qy 541 GCACAGAGCTTCATAACCTCTTCAATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 600

Db 541 GCACAGAGCTTCATAACCTCTTCAATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 600

Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACACATTTGGAGCAGGCTTACA 660

Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACACATTTGGAGCAGGCTTACA 660

Qy 661 AATTGAGAGATCATCTTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720

Db 661 AATTGAGAGATCATCTTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720

Qy 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTTAAC 780

Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTTAAC 780

Qy 781 TCTGGTGGATTTTAACTACAATCTTGTCTCTCGGTGATGGTATTTGATTTGT 840

Db 781 TCTGGTGGATTTTAACTACAATCTTGTCTCTCGGTGATGGTATTTGATTTGT 840

Qy 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

Db 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960

Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960

Qy 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGSCCTCTACCTACAAAAGTGAAT 1020

Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGSCCTCTACCTACAAAAGTGAAT 1020

Qy 1021 CTTGCTCATTTCTGAAATTTTAAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

Db 1021 CTTGCTCATTTCTGAAATTTTAAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

Qy 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCAATTTGATATAGGCTTAAAGAAATCA 1140

Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTCAATTTGATATAGGCTTAAAGAAATCA 1140

Qy 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

Db 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 193

AAK94533

ID AAK94533 standard; cdna; 1634 BP.

XX

AC AAK94533;

XX

DT 06-NOV-2001 (first entry)

XX

DE Human full-length cdna, SEQ ID NO: 3411.

XX

KW Human; full length cdna; cdna synthesis; oligo-capping; ss.

XX

OS Homo sapiens.

XX

PN EP1130094-A2.

XX

PD 05-SEP-2001.

XX

PF 07-JUL-2000; 2000EP-00114089.

XX

PR 08-JUL-1999; 99JP-00194486.

PR 11-JAN-2000; 2000JP-00118774.

PR 02-MAY-2000; 2000JP-00183765.

XX

PA (HELI-) HELIX RES INST.

XX

PI Ota T, Nishikawa T, Isogai T, Hayashi K, Ishii S, Kawai Y;

PI Wakamatsu A, Sugiyama T, Nagai K, Kojima S, Otsuki T, Koga H;

XX

DR WPI; 2001-524255/58.

DR P-PSDB; AAM93600.

XX

830 Primers useful for synthesizing full length cdna clones and their use in genetic manipulation.

PT

XX

PS Claim 8; SEQ ID NO 3411; 1380pp + Sequence Listing; English.

XX

CC The invention relates to primers for synthesizing full length cdna clones. 830 cdna molecules encoding a human protein have been isolated and nucleotide sequences of 5'- and 3'-ends of the cdna molecules have been determined. Primers for synthesizing the full length cdna are useful for clarifying the function of the protein encoded by the cdna. The full length clones were obtained by construction of full length enriched cdna libraries that were synthesised by the oligo-capping method. The primers enable the production of the full length cdna easily without any special methods. The present sequence is a full length human cdna of the invention. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in CD-ROM format directly from EPO

XX

SQ Sequence 1634 BP; 444 A; 319 C; 390 G; 481 T; 0 U; 0 Other;

Query Match 99.1%; Score 1163.8; DB 4; Length 1634;

Best Local Similarity 99.8%; Pred. No. 0;

Matches 1165; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 8 GTGGGGAAACCCCTTCGAGAAACACAGCAACAGCTGAGCTGTGACAGAGGGAACA 67

Db 129 GAGGAGGAAACCCCTTCGAGAAACACAGCAACAGCTGAGCTGTGACAGAGGGAACA 188

Qy 68 AGATGGCGCGCGGAAGGGAGCCTCTGGGTGAGGACCCCACTGGGCTCCCGCGCTGC 127

Db 189 AGATGGCGCGCGGAAGGGAGCCTCTGGGTGAGGACCCCACTGGGCTCCCGCGCTGC 248

Qy 128 TGCTGTGACCATGGCCTTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCATTTGACT 187

Db 249 TGCTGTGACCATGGCCTTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCATTTGACT 308

QY 188 CGGTCTTGGTGATACGGCTCTTGCCACCGGCGCTGTGAGTTGACCTACCCCTTGACACA 247
Db 309 CGGTCTTGGTGATACGGCTCTTGCCACCGGCGCTGTGAGTTGACCTACCCCTTGACACA 368
QY 248 CCTACCCCTAAGGAAGAGAGTGTACGCGATGTGAGAGAGGTTGCGAGCTGTTTCAATTT 307
Db 369 CCTACCCCTAAGGAAGAGAGTGTACGCGATGTGAGAGAGGTTGCGAGCTGTTTCAATTT 428
QY 308 GTGAGTTGTGATGATGAATGACTTAAATCGAACTAAATGGAATGTAATCTGCAT 367
Db 429 GTGAGTTGTGATGATGAATGACTTAAATCGAACTAAATGGAATGTAATCTGCAT 488
QY 368 GTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGTTGCCAGATC 427
Db 489 GTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGTTGCCAGATC 548
QY 428 AGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAATGCACC 487
Db 549 AGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAATGCACC 608
QY 488 TACTCTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGAGTCCGACACAGA 547
Db 609 TACTCTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGAGTCCGACACAGA 668
QY 548 GCCTCATAACTCTTCTCATGCACTTTTATCTTCAAGCCGATGACGGGAAAATAGTTATAT 607
Db 669 GCCTCATAACTCTTCTCATGCACTTTTATCTTCAAGCCGATGACGGGAAAATAGTTATAT 728
QY 608 TCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTTCAAAATTTGA 667
Db 729 TCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTTCAAAATTTGA 788
QY 668 GAGATCATCTCTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAGCGCACAGGA 727
Db 789 GAGATCATCTCTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAGCGCACAGGA 848
QY 728 ATTTCTTTGAAGATGGAGAAAGTGTGCTTTTAAAGATGCTCTCTTAACTCTGGGT 787
Db 849 ATTTCTTTGAAGATGGAGAAAGTGTGCTTTTAAAGATGCTCTCTTAACTCTGGGT 908
QY 788 GGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTTTGGATTTGTTGCAA 847
Db 909 GGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTTTGGATTTGTTGCAA 968
QY 848 CTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTATGTTGACT 907
Db 969 CTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTATGTTGACT 1028
QY 908 TGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTGTTGTTA 967
Db 1029 TGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTGTTGTTA 1088
QY 968 GATCTAAACTGAAGATCATGAGAAGCAGGGCTCTACCTACAAAAGTGAATCTTGCTC 1027
Db 1089 GATCTAAACTGAAGATCATGAGAAGCAGGGCTCTACCTACAAAAGTGAATCTTGCTC 1148
QY 1028 ATCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAAAATTTCCA 1087
Db 1149 ATCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAAAATTTCCA 1208
QY 1088 CTCCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTAAAGAAATCACTATAAA 1147
Db 1209 CTCCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTAAAGAAATCACTATAAA 1268
QY 1148 ATGCAATAAAGTTACTCAATCTGTG 1174
Db 1269 ATGCAATAAAGTTACTCAATCTGTG 1295

RESULT 194
ADC37344
ID ADC37344 standard; DNA; 1696 BP.

XX ADC37344;
AC 18-DEC-2003 (first entry)
DT
XX
DE Nuclear factor kappa B (NF-kappaB) activating gene, SEQ ID 177.
KW Nuclear factor kappa B; NF-kappaB; inflammation; autoimmune disease;
KW cancer; infectious disease; bone disease; AIDS;
KW neurodegenerative disease; ischaemic disorder; Antiinflammatory;
KW Immunomodulator; Cytostatic; Antimicrobial; Osteopathic; Anti-HIV;
KW Neuroprotective; Nootropic; Cardiant; Gene therapy; human; ds.
XX
OS Homo sapiens.
XX
PN WO2003048202-A2.
XX
PD 12-JUN-2003.
XX
PF 03-DEC-2002; 2002WO-JP012644.
XX
PR 03-DEC-2001; 2001JP-00368692.
PR 05-DEC-2001; 2001US-0335829P.
PR 03-OCT-2002; 2002JP-00291302.
PR 04-OCT-2002; 2002US-0415769P.
XX
PA (ASAH) ASAH KASEI KK.
XX
PI Matsuda A, Muramatsu S;
XX
DR WPI; 2003-505282/47.
DR P-PSDB; ADC37345.
XX
PT New purified protein that activates nuclear factor kappa B (NF-kappaB),
PT useful for treating inflammation, autoimmune diseases, cancers,
PT infectious diseases, bone diseases, AIDS, neurodegenerative diseases or
PT ischemic disorders.
XX
PS Claim 4; SEQ ID NO 177; 938pp; English.
XX
CC The present invention relates to novel proteins and their coding
CC sequences (ADC37168-ADC37455), which activate nuclear factor kappa B (NF-
CC kappaB). The proteins and their coding sequences are useful for treating
CC a disease associated with NF-kappaB activation, such as inflammation,
CC autoimmune diseases, cancers, infectious diseases, bone diseases, AIDS,
CC neurodegenerative diseases, or ischaemic disorders.
XX
SQ Sequence 1696 BP; 455 A; 342 C; 405 G; 494 T; 0 U; 0 Other;

Query Match 99.1%; Score 1163.8; DB 9; Length 1696;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 1165; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 8 GTGGGGAAACCTTCCGAGAAACAGCAACAGCTGAGCTGTGACAGAGGGAACA 67
Db 189 GAGGAGGAAACCTTCCGAGAAACAGCAACAGCTGAGCTGTGACAGAGGGAACA 248
QY 68 AGATGGCGGCGCGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCGCGCTGC 127
Db 249 AGATGGCGGCGCGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCGCGCTGC 308
QY 128 TGCTGTGACCATGGCCTTGGCCGAGGTTCCGGGACCGCTCGGCTGAAGCAATTGACT 187
Db 309 TGCTGTGACCATGGCCTTGGCCGAGGTTCCGGGACCGCTCGGCTGAAGCAATTGACT 368
QY 188 CGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCCTTGACACA 247
Db 369 CGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCCTTGACACA 428
QY 248 CCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGAGGCTGTTTCAATTT 307
Db 429 CCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGAGGCTGTTTCAATTT 488

QY 308 GTCAGTTTGTGGATGATGGAATTCGACTTAAATCGAATGAAATGGAATGGAATCTGCAAT 367
DB |||||
QY 489 GTCAGTTTGTGGATGATGGAATTCGACTTAAATCGAATGGAATGGAATGGAATCTGCAAT 548
DB |||||
QY 368 GTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTGCCCATCTTGGTTGCCAGAAATC 427
DB |||||
QY 549 GTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTGCCCATCTTGGTTGCCAGAAATC 608
DB |||||
QY 428 AGCTGCCATTGCTGAACTGAGCAAGAAACAACTTATGTCCTGATGCCAAAATGCACC 487
DB |||||
QY 609 AGCTGCCATTGCTGAACTGAGCAAGAAACAACTTATGTCCTGATGCCAAAATGCACC 668
DB |||||
QY 488 TACTCTTTCTCTAACTCTGTGAGGTCAATCTGAGTGACATGATGGACTCCGCACAGA 547
DB |||||
QY 669 TACTCTTTCTCTAACTCTGTGAGGTCAATCTGAGTGACATGATGGACTCCGCACAGA 728
DB |||||
QY 548 GCTTCATACCTCTTCAATGACCTTTTATCTTCAAGCGATGACGGGAAAATAGTTATAT 607
DB |||||
QY 729 GCTTCATACCTCTTCAATGACCTTTTATCTTCAAGCGATGACGGGAAAATAGTTATAT 788
DB |||||
QY 608 TCCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCCTACAAATTTGA 667
DB |||||
QY 789 TCCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCCTACAAATTTGA 848
DB |||||
QY 668 GAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCGCACAGGA 727
DB |||||
QY 849 GAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCGCACAGGA 908
DB |||||
QY 728 ATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGTGCCTCTCTCTTAATCTGGGT 787
DB |||||
QY 909 ATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGTGCCTCTCTCTTAATCTGGGT 968
DB |||||
QY 788 GGATTTTAACTACAACTCTTGCTCTCGGTGATGGTATGCTTTGGATTTGTTGCAA 847
DB |||||
QY 969 GGATTTTAACTACAACTCTTGCTCTCGGTGATGGTATGCTTTGGATTTGTTGCAA 1028
DB |||||
QY 848 CTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTATGTTGACT 907
DB |||||
QY 1029 CTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTATGTTGACT 1088
DB |||||
QY 908 TGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTGTTGTTA 967
DB |||||
QY 1089 TGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTGTTGTTA 1148
DB |||||
QY 968 GATCTAAACTGAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAATCTTGCTC 1027
DB |||||
QY 1149 GATCTAAACTGAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAATCTTGCTC 1208
DB |||||
QY 1028 ATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAAATTTCCA 1087
DB |||||
QY 1209 ATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAAATTTCCA 1268
DB |||||
QY 1088 CTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCACTATAA 1147
DB |||||
QY 1269 CTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCACTATAA 1328
DB |||||
QY 1148 ATGCAATAAAGTTACTCAAAATCTGTG 1174
DB |||||
QY 1329 ATGCAATAAAGTTACTCAAAATCTGTG 1355
DB |||||

RESULT 195

AAZ56760
ID AAZ56760 standard; cDNA; 1704 BP.

XX AAZ56760;

AC

XX 23-MAR-2000 (first entry)

DT

XX Human transmembrane protein HTMPN-63 encoding cDNA.

DE

XX Human; transmembrane protein; HTMPN; diagnosis; immunospecific;
KW antiproliferative; neuroprotective; immune disorder;

KW reproductive disorder; smooth muscle disorder; neurological disorder;
KW gastrointestinal disorder; developmental disorder;
KW cell proliferative disorder; ss.
XX Homo sapiens.
OS
XX WO9961471-A2.
PN
XX
XX 02-DEC-1999.
PD
XX 28-MAY-1999; 99WO-US011904.
PF
XX 29-MAY-1998; 98US-0087260P.
PR 02-JUL-1998; 98US-0091674P.
PR 02-OCT-1998; 98US-0102954P.
PR 24-NOV-1998; 98US-0109869P.
XX (INCY-) INCYTE PHARM INC.
PA
XX Tang YT, Lal P, Hillman JL, Yue H, Guegler KJ, Corley NC;
PI Bandman O, Patterson C, Gorgone GA, Kaser MR, Baughn MR, Au-Young J;
PI WPI; 2000-072605/06.
XX P-PSDB; AAY57939.
DR
XX Proteins, polynucleotides, vectors, host cells and antibodies used to
PT diagnose, treat or prevent immune, reproductive, smooth muscle,
PT neurological, gastrointestinal, developmental and cell proliferative
PT disorders.
PT
XX
PS Claim 9; Page 217-218; 229pp; English.
XX

AAZ56698 to AAZ56776 encode AAY57877 to AAY57955 which represent human
transmembrane proteins designated HTMPN-1 to HTMPN-79, respectively. The
transmembrane protein have immunospecific, antiproliferative and
neuroprotective activities. The human transmembrane proteins,
polynucleotides encoding them and other compositions and methods from the
present invention, can be used for the diagnosis, treatment or prevention
of immune, reproductive, smooth muscle, neurological, gastrointestinal,
developmental and cell proliferative disorders. The HTMPN's can be used
to treat or prevent disorders associated with a decreased expression or
activity of HTMPN

SQ Sequence 1704 BP; 466 A; 339 C; 403 G; 496 T; 0 U; 0 Other;

Query Match 99.1%; Score 1163.8; DB 3; Length 1704;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 1165; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 GTGGGGGAAACCCCTTCGAGAAACAGCAACAAAGCTGCTGTGACAGAGGGGAACA 67
DB |||||
QY 183 GAGGAGGAAACCCCTTCGAGAAACAGCAACAAAGCTGCTGTGACAGAGGGGAACA 242
DB |||||
QY 68 AGATGGCGGCGCCGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCGCGCTGC 127
DB |||||
QY 243 AGATGGCGGCGCCGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCGCGCTGC 302
DB |||||
QY 128 TGCTGCTGACCATGGCCTTGGCCGAGGTTCTGGGGACCGCTTCGGCTGAAGCATTTGACT 187
DB |||||
QY 303 TGCTGCTGACCATGGCCTTGGCCGAGGTTCTGGGGACCGCTTCGGCTGAAGCATTTGACT 362
DB |||||
QY 188 CGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTGAGTTGACCTACCCCTTGACA 247
DB |||||
QY 363 CGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTGAGTTGACCTACCCCTTGACA 422
DB |||||
QY 248 CCTACCCCTAAGGAAGAGGAGTTGTACGCTGTGAGAGGTTGAGGGCTGTTTCAATTT 307
DB |||||
QY 423 CCTACCCCTAAGGAAGAGGAGTTGTACGCTGTGAGAGGTTGAGGGCTGTTTCAATTT 482
DB |||||
QY 308 GTCAAGTTTGTGGATGATGGAATGACTTAAATCGAACTAAATGGAATGTGAATCTGCAT 367
DB |||||
QY 483 GTCAAGTTTGTGGATGATGGAATGACTTAAATCGAACTAAATGGAATGTGAATCTGCAT 542
DB |||||

Qy 368 GTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGCCAGATC 427
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 543 GTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGCCAGATC 602
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 428 AGCTGCCATTGCTGACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAATGCACC 487
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 603 AGCTGCCATTGCTGACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAATGCACC 662
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 488 TACTCTTCTCTAACTCTGAGGTGAGGTCACTTCTGGAGTGACATGATGGACTCCGCCACAGA 547
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 663 TACTCTTCTCTAACTCTGAGGTGAGGTCACTTCTGGAGTGACATGATGGACTCCGCCACAGA 722
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 548 GCTTCATAACCTCTTCAATGGACTTTTATCTTCAAGCCGATGACGGAATAATAGTTATAT 607
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 723 GCTTCATAACCTCTTCAATGGACTTTTATCTTCAAGCCGATGACGGAATAATAGTTATAT 782
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 608 TCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACAAATTGA 667
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 783 TCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACAAATTGA 842
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 668 GAGATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAAGCGCACAGGA 727
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 843 GAGATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAAGCGCACAGGA 902
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 728 ATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAACTCTGGGT 787
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 903 ATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAACTCTGGGT 962
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 788 GGATTTTAACTACAACCTCTTGCTCCTCTCGGTGATGGTATTGCTTTGGATTTGTTGCAA 847
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 963 GGATTTTAACTACAACCTCTTGCTCCTCTCGGTGATGGTATTGCTTTGGATTTGTTGCAA 1022
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 848 CTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTATGGTGACT 907
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 1023 CTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTATGGTGACT 1082
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 908 TGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTGGTTGTTA 967
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 1083 TGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTGGTTGTTA 1142
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 968 GATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAATCTTGCTC 1027
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 1143 GATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAATCTTGCTC 1202
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 1028 ATTCGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAAAATTCCA 1087
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 1203 ATTCGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAAAATTCCA 1262
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 1088 CTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCTTAAGAAATCACTATAAA 1147
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 1263 CTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCTTAAGAAATCACTATAAA 1322
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 1148 ATGCAATAAAGTTACTCAATCTGTG 1174
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy 1323 ATGCAATAAAGTTACTCAATCTGTG 1349
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

RESULT 196
AAV59792
ID AAV59792 standard; DNA; 1695 BP.
XX
AC AAV59792;
XX
DT 19-JAN-1999 (first entry)
XX Human secreted protein gene 157 clone HLTED27.
DE
XX Human; secreted protein; fusion protein; gene therapy; protein therapy;
KW diagnosis; tissue; cancer; tumour; neurodegenerative disorder; leukaemia;
KW developmental abnormality; foetal deficiency; blood; allergy; renal; ds;
KW immune system; asthma; lymphocytic disease; brain; hepatic; lymphoma;
KW inflammatory; ischaemic shock; Alzheimer's disease; restenosis; AIDS;
KW cognitive disorder; schizophrenia; prostate; obesity; osteoclast; thymus;

KW osteoporosis; arthritis; testis; lung; thyroiditis; thyroid; digestion;
KW endocrine; metabolism; regulation; malabsorption; gastritis; neoplasm.
XX Homo sapiens.
OS WO9839448-A2.
PN 11-SEP-1998.
XX 06-MAR-1998; 98WO-US004493.
PD 07-MAR-1997; 97US-0038621P.
XX 07-MAR-1997; 97US-0040161P.
PN 07-MAR-1997; 97US-0040162P.
XX 07-MAR-1997; 97US-0040163P.
PD 07-MAR-1997; 97US-0040333P.
XX 07-MAR-1997; 97US-0040334P.
PN 07-MAR-1997; 97US-0040336P.
XX 07-MAR-1997; 97US-0040626P.
PD 11-APR-1997; 97US-0043311P.
XX 11-APR-1997; 97US-0043312P.
PN 11-APR-1997; 97US-0043313P.
XX 11-APR-1997; 97US-0043314P.
PD 11-APR-1997; 97US-0043315P.
XX 11-APR-1997; 97US-0043568P.
PN 11-APR-1997; 97US-0043569P.
XX 11-APR-1997; 97US-0043576P.
PD 11-APR-1997; 97US-0043578P.
XX 11-APR-1997; 97US-0043580P.
PN 11-APR-1997; 97US-0043669P.
XX 11-APR-1997; 97US-0043670P.
PD 11-APR-1997; 97US-0043671P.
XX 11-APR-1997; 97US-0043672P.
PN 11-APR-1997; 97US-0043674P.
XX 23-MAY-1997; 97US-0047492P.
PD 23-MAY-1997; 97US-0047500P.
XX 23-MAY-1997; 97US-0047501P.
PN 23-MAY-1997; 97US-0047502P.
XX 23-MAY-1997; 97US-0047503P.
PD 23-MAY-1997; 97US-0047581P.
XX 23-MAY-1997; 97US-0047582P.
PN 23-MAY-1997; 97US-0047583P.
XX 23-MAY-1997; 97US-0047584P.
PD 23-MAY-1997; 97US-0047585P.
XX 23-MAY-1997; 97US-0047586P.
PN 23-MAY-1997; 97US-0047587P.
XX 23-MAY-1997; 97US-0047588P.
PD 23-MAY-1997; 97US-0047589P.
XX 23-MAY-1997; 97US-0047590P.
PN 23-MAY-1997; 97US-0047592P.
XX 23-MAY-1997; 97US-0047593P.
PD 23-MAY-1997; 97US-0047594P.
XX 23-MAY-1997; 97US-0047595P.
PN 23-MAY-1997; 97US-0047596P.
XX 23-MAY-1997; 97US-0047597P.
PD 23-MAY-1997; 97US-0047598P.
XX 23-MAY-1997; 97US-0047599P.
PN 23-MAY-1997; 97US-0047600P.
XX 23-MAY-1997; 97US-0047601P.
PD 23-MAY-1997; 97US-0047612P.
XX 23-MAY-1997; 97US-0047613P.
PN 23-MAY-1997; 97US-0047614P.
XX 23-MAY-1997; 97US-0047615P.
PD 23-MAY-1997; 97US-0047617P.
XX 23-MAY-1997; 97US-0047618P.
PN 23-MAY-1997; 97US-0047632P.
XX 23-MAY-1997; 97US-0047633P.
PD 06-JUN-1997; 97US-0048964P.
XX 06-JUN-1997; 97US-0048974P.
PN 13-JUN-1997; 97US-0049610P.
XX 08-JUL-1997; 97US-0051926P.
PD 16-JUL-1997; 97US-0052874P.
XX 18-AUG-1997; 97US-0055724P.

PR 22-AUG-1997; 97US-0056630P.
PR 22-AUG-1997; 97US-0056631P.
PR 22-AUG-1997; 97US-0056632P.
PR 22-AUG-1997; 97US-0056636P.
PR 22-AUG-1997; 97US-0056637P.
PR 22-AUG-1997; 97US-0056662P.
PR 22-AUG-1997; 97US-0056664P.
PR 22-AUG-1997; 97US-0056845P.
PR 22-AUG-1997; 97US-0056862P.
PR 22-AUG-1997; 97US-0056864P.
PR 22-AUG-1997; 97US-0056872P.
PR 22-AUG-1997; 97US-0056874P.
PR 22-AUG-1997; 97US-0056875P.
PR 22-AUG-1997; 97US-0056876P.
PR 22-AUG-1997; 97US-0056877P.
PR 22-AUG-1997; 97US-0056878P.
PR 22-AUG-1997; 97US-0056879P.
PR 22-AUG-1997; 97US-0056880P.
PR 22-AUG-1997; 97US-0056881P.
PR 22-AUG-1997; 97US-0056882P.
PR 22-AUG-1997; 97US-0056884P.
PR 22-AUG-1997; 97US-0056886P.
PR 22-AUG-1997; 97US-0056887P.
PR 22-AUG-1997; 97US-0056888P.
PR 22-AUG-1997; 97US-0056889P.
PR 22-AUG-1997; 97US-0056892P.
PR 22-AUG-1997; 97US-0056893P.
PR 22-AUG-1997; 97US-0056894P.
PR 22-AUG-1997; 97US-0056899P.
PR 22-AUG-1997; 97US-0056903P.
PR 22-AUG-1997; 97US-0056908P.
PR 22-AUG-1997; 97US-0056909P.
PR 22-AUG-1997; 97US-0056910P.
PR 22-AUG-1997; 97US-0056911P.
PR 05-SEP-1997; 97US-0057650P.
PR 05-SEP-1997; 97US-0057669P.
PR 05-SEP-1997; 97US-0057761P.
PR 12-SEP-1997; 97US-0058785P.
PR 02-OCT-1997; 97US-0061060P.
XX
PA (HUMA-) HUMAN GENOME SCI INC.

XX
PI Ruben SM, Rosen CA, Fischer CL, Soppet DR, Carter KC;
PI Bednarik DP, Endress GA, Yu G, Ni J, Feng P, Young PE, Greene JM;
PI Ferrie AM, Duan R, Hu J, Florence KA, Olsen HS, Ebner R, Brewer LA;
PI Moore PA, Shi Y, Lafleur DW, Li Y, Zeng Z, Kyaw H;
XX
DR WPI; 1998-506364/43.
DR P-PSDB; AAW75007.

XX
PT New isolated human genes and the secreted polypeptide(s) they encode -
PT useful for diagnosis and treatment of e.g. cancers, neurological
PT disorders, immune diseases, inflammation or blood disorders.

XX
PS Claim 1; Page 521-522; 721pp; English.

XX
CC This sequence represents a nucleic acid molecule designated Gene 157 from
CC the human cDNA clone HLTED27 (deposited as clone ATCC 97903 and ATCC
CC 209049) which encodes a secreted human protein. The gene can be used to
CC generate fusion proteins by linking to the gene to a human immunoglobulin
CC Fc portion (e.g. AAV59502) for increasing the stability of the fused
CC protein as compared to the human protein only. The invention relates to
CC 186 novel genes and their fragments (nucleic acid sequences: AAV59511-
CC V59812; amino acid sequences AAW74731-W75026) which are useful for
CC preventing, treating or ameliorating medical conditions e.g. by protein
CC or gene therapy. Also, pathological conditions can be diagnosed by
CC determining the amount of the new polypeptides in a sample or by
CC determining the presence of mutations in the new polynucleotides.
CC Specific uses are described for each of the 186 polynucleotides, based on
CC which tissues they are most highly expressed in (see AAV59511 for
XX described uses)

XX
SQ Sequence 1695 BP; 470 A; 333 C; 397 G; 494 T; 0 U; 1 Other;

Query Match 98.1%; Score 1151.8; DB 2; Length 1695;
Best Local Similarity 99.7%; Pred. No. 0;
Matches 1164; Conservative 0; Mismatches 2; Indels 1; Gaps 1;
QY 8 GTGGGGAAACCTTCCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAGGGGAACA 67
DB 167 GAGGAGGAAACCTTCCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAGGGGAACA 226
QY 68 AGATGGCGGCGCCGAAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCGCCGCTGC 127
DB 227 AGATGGCGGCGCCGAAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCGCCGCTGC 285
QY 128 TGCTGCTGACCATGGCCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCAATTGACT 187
DB 286 TGCTGCTGACCATGGCCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCAATTGACT 345
QY 188 CGGTCTTGGGTGATACGGCGCTTTCGCCCGGCTTGTGAGTTGACCTACCCCTTGACCA 247
DB 346 CGGTCTTGGGTGATACGGCGCTTTCGCCCGGCTTGTGAGTTGACCTACCCCTTGACCA 405
QY 248 CCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGGTTGCAGGCTGTTTCAATTT 307
DB 406 CCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGGTTGCAGGCTGTTTCAATTT 465
QY 308 GTCAGTTTGTGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAATCTGCAT 367
DB 466 GTCAGTTTGTGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAATCTGCAT 525
QY 368 GTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCCATCTTGGTTGCCAGAATC 427
DB 526 GTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCCATCTTGGTTGCCAGAATC 585
QY 428 AGCTGCCATTCCGCTGAACCTGAGACAAGAAACAATTTATGTCCTGATGCCAAAATGCACC 487
DB 586 AGCTGCCATTCCGCTGAACCTGAGACAAGAAACAATTTATGTCCTGATGCCAAAATGCACC 645
QY 488 TACTCTTCTCTAACTCTGGTGAGGTCACTCTGGAGTGACATGATGGACTCCGCACAGA 547
DB 646 TACTCTTCTCTAACTCTGGTGAGGTCACTCTGGAGTGACATGATGGACTCCGCACAGA 705
QY 548 GCTTCATAACCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATAGTTATAT 607
DB 706 GCTTCATAACCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATAGTTATAT 765
QY 608 TCCAGTCTAAGCCAGAAATCCAGTACGCACCACCATTTGGAGCAGGAGCCTACAAATTTGA 667
DB 766 TCCAGTCTAAGCCAGAAATCCAGTACGCACCACCATTTGGAGCAGGAGCCTACAAATTTGA 825
QY 668 GAGAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCCACAGGA 727
DB 826 GAGAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCCACAGGA 885
QY 728 ATTTTCTTGAAGTGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAACTCTGGGT 787
DB 886 ATTTTCTTGAAGTGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAACTCTGGGT 945
QY 788 GGATTTTAACTACAACCTTTGTCCTCTCGGTGATGGTATTTGCTTTGTGCAAA 847
DB 946 GGATTTTAACTACAACCTTTGTCCTCTCGGTGATGGTATTTGCTTTGTGCAAA 1005
QY 848 CTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTATGGTGACT 907
DB 1006 CTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTATGGTGACT 1065
QY 908 TGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTGGTTGTTA 967
DB 1066 TGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTGGTTGTTA 1125
QY 968 GATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAATCTTGCTC 1027
DB 1126 GATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAATCTTGCTC 1185
QY 1028 ATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAAAATTTCCA 1087

Db 1186 ATTCTGAATTAAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAAATTCCTCA 1245
QY 1088 CTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCACTATATAA 1147
Db 1246 CTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCACTATATAA 1305
QY 1148 ATGCAATAAAGTTACTCAAATCTGTG 1174
Db 1306 ATGCAATAAAGTTACTCAAATCTGTG 1332
RESULT 197
ABS73786
ID ABS73786 standard; cDNA; 1695 BP.
XX
AC ABS73786;
XX
DT 15-JAN-2003 (first entry)
XX
DE Human cDNA #2 for novel secreted protein gene 157.
XX
KW Human; ss; gene; secreted protein; autoimmune disease; chemotaxis;
KW rheumatoid arthritis; hyperproliferative disorder; breast neoplasm;
KW liver neoplasm cardiovascular disorder; cardiac arrest; skin aging;
KW cerebrovascular disorders; cerebral ischaemia; angiogenesis; sunburn;
KW nervous system disorders; Alzheimer's disease; infection;
KW ocular disorder; corneal infection; wound healing; tissue regeneration;
KW epithelial cell proliferation; organ transplantation; food additive;
KW preservative; nutritional.
XX
OS Homo sapiens.
XX
PN US6420526-B1.
XX
PD 16-JUL-2002.
XX
PF 08-SEP-1998; 98US-00149476.
XX
PR 07-MAR-1997; 97US-0038621P.
PR 07-MAR-1997; 97US-0040161P.
PR 07-MAR-1997; 97US-0040162P.
PR 07-MAR-1997; 97US-0040163P.
PR 07-MAR-1997; 97US-0040333P.
PR 07-MAR-1997; 97US-0040334P.
PR 07-MAR-1997; 97US-0040336P.
PR 07-MAR-1997; 97US-0040626P.
PR 11-APR-1997; 97US-0043311P.
PR 11-APR-1997; 97US-0043312P.
PR 11-APR-1997; 97US-0043313P.
PR 11-APR-1997; 97US-0043314P.
PR 11-APR-1997; 97US-0043315P.
PR 11-APR-1997; 97US-0043568P.
PR 11-APR-1997; 97US-0043569P.
PR 11-APR-1997; 97US-0043576P.
PR 11-APR-1997; 97US-0043578P.
PR 11-APR-1997; 97US-0043580P.
PR 11-APR-1997; 97US-0043669P.
PR 11-APR-1997; 97US-0043670P.
PR 11-APR-1997; 97US-0043671P.
PR 11-APR-1997; 97US-0043672P.
PR 11-APR-1997; 97US-0043674P.
PR 23-MAY-1997; 97US-0047492P.
PR 23-MAY-1997; 97US-0047500P.
PR 23-MAY-1997; 97US-0047501P.
PR 23-MAY-1997; 97US-0047502P.
PR 23-MAY-1997; 97US-0047503P.
PR 23-MAY-1997; 97US-0047581P.
PR 23-MAY-1997; 97US-0047582P.
PR 23-MAY-1997; 97US-0047583P.
PR 23-MAY-1997; 97US-0047584P.
PR 23-MAY-1997; 97US-0047585P.
PR 23-MAY-1997; 97US-0047586P.
PR 23-MAY-1997; 97US-0047587P.
PR 23-MAY-1997; 97US-0047588P.
PR 23-MAY-1997; 97US-0047589P.
PR 23-MAY-1997; 97US-0047590P.
PR 23-MAY-1997; 97US-0047591P.
PR 23-MAY-1997; 97US-0047592P.
PR 23-MAY-1997; 97US-0047593P.
PR 23-MAY-1997; 97US-0047594P.
PR 23-MAY-1997; 97US-0047595P.
PR 23-MAY-1997; 97US-0047596P.
PR 23-MAY-1997; 97US-0047597P.
PR 23-MAY-1997; 97US-0047598P.
PR 23-MAY-1997; 97US-0047599P.
PR 23-MAY-1997; 97US-0047600P.
PR 23-MAY-1997; 97US-0047601P.
PR 23-MAY-1997; 97US-0047612P.
PR 23-MAY-1997; 97US-0047613P.
PR 23-MAY-1997; 97US-0047614P.
PR 23-MAY-1997; 97US-0047615P.
PR 23-MAY-1997; 97US-0047617P.
PR 23-MAY-1997; 97US-0047618P.
PR 23-MAY-1997; 97US-0047632P.
PR 23-MAY-1997; 97US-0047633P.
PR 06-JUN-1997; 97US-0048964P.
PR 06-JUN-1997; 97US-0048974P.
PR 13-JUN-1997; 97US-0049610P.
PR 08-JUL-1997; 97US-0051926P.
PR 16-JUL-1997; 97US-0052874P.
PR 18-AUG-1997; 97US-0055724P.
PR 22-AUG-1997; 97US-0056630P.
PR 22-AUG-1997; 97US-0056631P.
PR 22-AUG-1997; 97US-0056632P.
PR 22-AUG-1997; 97US-0056636P.
PR 22-AUG-1997; 97US-0056637P.
PR 22-AUG-1997; 97US-0056662P.
PR 22-AUG-1997; 97US-0056664P.
PR 22-AUG-1997; 97US-0056845P.
PR 22-AUG-1997; 97US-0056862P.
PR 22-AUG-1997; 97US-0056864P.
PR 22-AUG-1997; 97US-0056872P.
PR 22-AUG-1997; 97US-0056874P.
PR 22-AUG-1997; 97US-0056875P.
PR 22-AUG-1997; 97US-0056876P.
PR 22-AUG-1997; 97US-0056877P.
PR 22-AUG-1997; 97US-0056878P.
PR 22-AUG-1997; 97US-0056879P.
PR 22-AUG-1997; 97US-0056880P.
PR 22-AUG-1997; 97US-0056881P.
PR 22-AUG-1997; 97US-0056882P.
PR 22-AUG-1997; 97US-0056884P.
PR 22-AUG-1997; 97US-0056886P.
PR 22-AUG-1997; 97US-0056887P.
PR 22-AUG-1997; 97US-0056888P.
PR 22-AUG-1997; 97US-0056889P.
PR 22-AUG-1997; 97US-0056892P.
PR 22-AUG-1997; 97US-0056893P.
PR 22-AUG-1997; 97US-0056894P.
PR 22-AUG-1997; 97US-0056903P.
PR 22-AUG-1997; 97US-0056908P.
PR 22-AUG-1997; 97US-0056909P.
PR 22-AUG-1997; 97US-0056910P.
PR 22-AUG-1997; 97US-0056911P.
PR 05-SEP-1997; 97US-0057650P.
PR 05-SEP-1997; 97US-0057669P.
PR 05-SEP-1997; 97US-0057761P.
PR 12-SEP-1997; 97US-0058785P.
PR 02-OCT-1997; 97US-0061060P.
PR 06-MAR-1998; 98WO-US0004493.
XX
PA (HUMA-) HUMAN GENOME SCI INC.
XX
PI Ruben SM, Rosen CA, Fischer CL, Soppet DP, Carter KC;
PI Bednarik DR, Endress GA, Yu G, Ni J, Feng P, Young PE, Greene JM;
PI Ferrie AM, Duan R, Hu J, Florence KA, Olsen HS, Ebner R, Brewer LA;

PI Moore PA, Shi Y, Lafleur DW, Li Y, Zeng Z, Kyaw H;
XX WPI; 2002-634796/68.
DR P-PSDB; ABG95468.
DR
XX New isolated human secreted protein for diagnosing, preventing, treating
PT or ameliorating medical conditions and used as a food additive or
PT preservative.
PT
XX
PS Example 1; SEQ ID NO 299; 129pp; English.
XX
CC The invention relates to an isolated protein that is one of 186 human
CC secreted proteins, given in the specification, encoded by one of 309 cDNA
CC sequences also given in the specification. The protein is used in a
CC pharmaceutical composition used to prevent, treat or ameliorate a medical
CC condition in e.g. humans, mice, rabbits, goats, horses, cats, dogs,
CC chickens or sheep. Disorders which are diagnosed or treated include
CC autoimmune diseases e.g. rheumatoid arthritis, hyperproliferative
CC disorders e.g. neoplasms of the breast or liver, cardiovascular disorders
CC e.g. cardiac arrest, cerebrovascular disorders e.g. cerebral ischaemia,
CC angiogenesis, nervous system disorders e.g. Alzheimer's disease,
CC infections caused by bacteria, viruses and fungi and ocular disorders
CC e.g. corneal infection. The polypeptides can also be used to aid wound
CC healing and epithelial cell proliferation, to prevent skin aging due to
CC sunburn, to maintain organs before transplantation, for supporting cell
CC culture of primary tissues, to regenerate tissues and in chemotaxis. The
CC polypeptides can also be used as a food additive or preservative to
CC increase or decrease storage capabilities, fat content, lipid, protein,
CC carbohydrates, vitamins, minerals, cofactors and other nutritional
CC components. The present sequence represents a cDNA derived from a gene
CC encoding one of the novel human secreted proteins of the invention. Note:
CC This sequence did not form part of the printed specification, but was
CC obtained in electronic format directly from USPTO at
CC seqdata.uspto.gov/sequence.html?DocID=6420526B1
XX
SQ Sequence 1695 BP; 470 A; 333 C; 397 G; 494 T; 0 U; 1 Other;

Query Match 98.1%; Score 1151.8; DB 6; Length 1695;
Best Local Similarity 99.7%; Pred. No. 0;
Matches 1164; Conservative 0; Mismatches 2; Indels 1; Gaps 1;
QY 8 GTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAGGGGAACA 67
DB 167 GAGGAGGAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAGGGGAACA 226
QY 68 AGATGGCGCGCCGAAGGGGAGCTCTGGGTGAGGACCCCAACTGGGGCTCCCGCCGCTGC 127
DB 227 AGATGGCGCGCCGAA-GGGAGCTCTGGGTGAGGACCCCAACTGGGGCTCCCGCCGCTGC 285
QY 128 TGCTGCTGACCATGGCCTTGGCGGAGGTTTCGGGGACCGCTTCGGCTGAGCATTGTGACT 187
DB 286 TGCTGCTGACCATGGCCTTGGCGGAGGTTTCGGGGACCGCTTCGGCTGAGCATTGTGACT 345
QY 188 CGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCCTTGCAACA 247
DB 346 CGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCCTTGCAACA 405
QY 248 CCTACCTAAGGAAGAGGAGTTGTACGCATGTCTCAGAGAGGTTGCAGGCTGTTTCAATTT 307
DB 406 CCTACCTAAGGAAGAGGAGTTGTACGCATGTCTCAGAGAGGTTGCAGGCTGTTTCAATTT 465
QY 308 GTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGAACTGCAAT 367
DB 466 GTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGAACTGCAAT 525
QY 368 GTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTGCAGAAATC 427
DB 526 GTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTGCAGAAATC 585
QY 428 AGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCTGTATGCCAAATAATGCACC 487
DB 586 AGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCTGTATGCCAAATAATGCACC 645

QY 488 TACTCTTTCTCTTAACTCTGGTGAGGTCAATCTCTGGAGTGACATGATGGACTCCGCACAGA 547
DB 646 TACTCTTTCTCTTAACTCTGGTGAGGTCAATCTCTGGAGTGACATGATGGACTCCGCACAGA 705
QY 548 GCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATAGTTATAT 607
DB 706 GCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATAGTTATAT 765
QY 608 TCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCCTACAAATTTGA 667
DB 766 TCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCCTACAAATTTGA 825
QY 668 GAGAATCATCTTAAGCAAAAATGTCCTATCTGCAAAATGAGAAAATTCACAAGCGCACAGGA 727
DB 826 GAGAATCATCTTAAGCAAAAATGTCCTATCTGCAAAATGAGAAAATTCACAAGCGCACAGGA 885
QY 728 ATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAACCTTGGGT 787
DB 886 ATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAACCTTGGGT 945
QY 788 GGATTTTAACTACAACCTTTGCTCTCTCGGTGATGGTATTGCTTTGGATTGTTGTGCAA 847
DB 946 GGATTTTAACTACAACCTTTGCTCTCTCGGTGATGGTATTGCTTTGGATTGTTGTGCAA 1005
QY 848 CTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGCAAGCTGAGTATCTATGTTGACT 907
DB 1006 CTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGCAAGCTGAGTATCTATGTTGACT 1065
QY 908 TGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTGGTTGTTA 967
DB 1066 TGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTGGTTGTTA 1125
QY 968 GATCTAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAATCTTGCTC 1027
DB 1126 GATCTAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAATCTTGCTC 1185
QY 1028 ATTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAAAATTTCCA 1087
DB 1186 ATTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAAAATTTCCA 1245
QY 1088 CTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGCCCTTAAGAAATCACTATAAA 1147
DB 1246 CTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGCCCTTAAGAAATCACTATAAA 1305
QY 1148 ATGCAATAAAGTTACTCAAATCTGTG 1174
DB 1306 ATGCAATAAAGTTACTCAAATCTGTG 1332
RESULT 198
ACD82929
ID ACD82929 standard; cDNA; 1695 BP.
XX
AC ACD82929;
XX
DT 22-SEP-2003 (first entry)
XX
DE cDNA sequence #289 containing coding region of a human secreted protein.
XX
KW Human; secreted protein; hyperproliferative disorder; leukaemia;
KW breast cancer; wound; reproductive disorder; blood-related disorder;
KW haemophilia; thrombocytopaenia; immunodeficiency; thymic hypoplasia;
KW Wiskott-Aldrich syndrome; autoimmune disorder; multiple sclerosis;
KW graft-versus-host disease; Hashimoto's thyroiditis; allergy; asthma;
KW viral infection; bacterial infection; fungal infection; AIDS; sepsis;
KW renal disorder; kidney failure; cardiovascular disorder; cytostatic;
KW angina pectoris; cerebral ischaemia; congenital heart defect;
KW respiratory disorder; neurological disorder; Alzheimer's disease;
KW parkinson's disease; inflammation; Crohn's disease; vulnery;
KW immunosuppressive; antibacterial; haemostatic; thrombolytic;
KW anticoagulant; neuroprotective; thymimetic; antiallergic;
KW antiasthmatic; virucide; fungicide; anti-HIV; nephrotropic; antidiabetic;
KW cerebroprotective; cardiant; nootropic; antiparkinsonian;

KW antiinflammatory; gene; ss.
XX
OS Homo sapiens.
XX
PN US2003049618-A1.
XX
XX PD 13-MAR-2003.
XX
PF 16-MAR-2001; 2001US-00809391.
XX
PR 07-MAR-1997; 97US-0038621P.
PR 07-MAR-1997; 97US-0040162P.
PR 07-MAR-1997; 97US-0040163P.
PR 07-MAR-1997; 97US-0040333P.
PR 07-MAR-1997; 97US-0040334P.
PR 07-MAR-1997; 97US-0040336P.
PR 07-MAR-1997; 97US-0040626P.
PR 11-APR-1997; 97US-0043311P.
PR 11-APR-1997; 97US-0043312P.
PR 11-APR-1997; 97US-0043313P.
PR 11-APR-1997; 97US-0043314P.
PR 11-APR-1997; 97US-0043315P.
PR 11-APR-1997; 97US-0043568P.
PR 11-APR-1997; 97US-0043569P.
PR 11-APR-1997; 97US-0043576P.
PR 11-APR-1997; 97US-0043578P.
PR 11-APR-1997; 97US-0043580P.
PR 11-APR-1997; 97US-0043669P.
PR 11-APR-1997; 97US-0043670P.
PR 11-APR-1997; 97US-0043671P.
PR 11-APR-1997; 97US-0043672P.
PR 11-APR-1997; 97US-0043674P.
PR 23-MAY-1997; 97US-0047492P.
PR 23-MAY-1997; 97US-0047500P.
PR 23-MAY-1997; 97US-0047501P.
PR 23-MAY-1997; 97US-0047502P.
PR 23-MAY-1997; 97US-0047503P.
PR 23-MAY-1997; 97US-0047581P.
PR 23-MAY-1997; 97US-0047582P.
PR 23-MAY-1997; 97US-0047583P.
PR 23-MAY-1997; 97US-0047584P.
PR 23-MAY-1997; 97US-0047585P.
PR 23-MAY-1997; 97US-0047586P.
PR 23-MAY-1997; 97US-0047587P.
PR 23-MAY-1997; 97US-0047588P.
PR 23-MAY-1997; 97US-0047589P.
PR 23-MAY-1997; 97US-0047590P.
PR 23-MAY-1997; 97US-0047592P.
PR 23-MAY-1997; 97US-0047593P.
PR 23-MAY-1997; 97US-0047594P.
PR 23-MAY-1997; 97US-0047595P.
PR 23-MAY-1997; 97US-0047596P.
PR 23-MAY-1997; 97US-0047597P.
PR 23-MAY-1997; 97US-0047598P.
PR 23-MAY-1997; 97US-0047599P.
PR 23-MAY-1997; 97US-0047600P.
PR 23-MAY-1997; 97US-0047601P.
PR 23-MAY-1997; 97US-0047612P.
PR 23-MAY-1997; 97US-0047613P.
PR 23-MAY-1997; 97US-0047614P.
PR 23-MAY-1997; 97US-0047615P.
PR 23-MAY-1997; 97US-0047617P.
PR 23-MAY-1997; 97US-0047618P.
PR 23-MAY-1997; 97US-0047632P.
PR 23-MAY-1997; 97US-0047633P.
PR 06-JUN-1997; 97US-0048964P.
PR 06-JUN-1997; 97US-0048974P.
PR 13-JUN-1997; 97US-0049610P.
PR 08-JUL-1997; 97US-0051926P.
PR 16-JUL-1997; 97US-0052874P.
PR 18-AUG-1997; 97US-0055724P.
PR 22-AUG-1997; 97US-0056630P.
PR 22-AUG-1997; 97US-0056631P.

PR 22-AUG-1997; 97US-0056632P.
PR 22-AUG-1997; 97US-0056636P.
PR 22-AUG-1997; 97US-0056637P.
PR 22-AUG-1997; 97US-0056662P.
PR 22-AUG-1997; 97US-0056664P.
PR 22-AUG-1997; 97US-0056845P.
PR 22-AUG-1997; 97US-0056862P.
PR 22-AUG-1997; 97US-0056864P.
PR 22-AUG-1997; 97US-0056872P.
PR 22-AUG-1997; 97US-0056874P.
PR 22-AUG-1997; 97US-0056875P.
PR 22-AUG-1997; 97US-0056876P.
PR 22-AUG-1997; 97US-0056877P.
PR 22-AUG-1997; 97US-0056878P.
PR 22-AUG-1997; 97US-0056879P.
PR 22-AUG-1997; 97US-0056880P.
PR 22-AUG-1997; 97US-0056881P.
PR 22-AUG-1997; 97US-0056882P.
PR 22-AUG-1997; 97US-0056884P.
PR 22-AUG-1997; 97US-0056886P.
PR 22-AUG-1997; 97US-0056887P.
PR 22-AUG-1997; 97US-0056888P.
PR 22-AUG-1997; 97US-0056889P.
PR 22-AUG-1997; 97US-0056892P.
PR 22-AUG-1997; 97US-0056893P.
PR 22-AUG-1997; 97US-0056894P.
PR 22-AUG-1997; 97US-0056903P.
PR 22-AUG-1997; 97US-0056908P.
PR 22-AUG-1997; 97US-0056910P.
PR 22-AUG-1997; 97US-0056911P.
PR 05-SEP-1997; 97US-0057650P.
PR 05-SEP-1997; 97US-0057669P.
PR 05-SEP-1997; 97US-0057761P.
PR 12-SEP-1997; 97US-0058785P.
PR 09-OCT-1997; 97US-0061660P.
PR 06-MAR-1998; 98WO-US004493.
PR 08-SEP-1998; 98US-00149476.
PR 17-MAR-2000; 2000US-0190068P.
XX
PA (RUBE/) RUBEN S M.
PA (ROSE/) ROSEN C A.
PA (SOPP/) SOPPET D R.
PA (CART/) CARTER K C.
PA (BEDN/) BEDNARIK D P.
PA (ENDR/) ENDRESS G A.
PA (YUGG/) YU G.
PA (NIJJ/) NI J.
PA (FENG/) FENG P.
PA (YOUN/) YOUNG P E.
PA (GREE/) GREENE J M.
PA (FERR/) FERRIE A M.
PA (DUAN/) DUAN D R.
PA (HUJJ/) HU J.
PA (FLOR/) FLORENCE K A.
PA (OLSE/) OLSEN H S.
PA (FISC/) FISCHER C L.
PA (EBNE/) EBNER R.
PA (BREW/) BREWER L A.
PA (MOOR/) MOORE P A.
PA (SHIY/) SHI Y.
PA (LAFL/) LAFLEUR D W.
PA (LIYY/) LI Y.
PA (ZENG/) ZENG Z.
PA (KYAW/) KYAW H.
XX
PI Ruben SM, Rosen CA, Soppet DR, Carter KC, Bednarik DP;
PI Endress GA, Yu G, Ni J, Feng P, Young PE, Greene JM, Ferrie AM;
PI Duan DR, Hu J, Florence KA, Olsen HS, Fischer CL, Ebner R;
PI Brewer LA, Moore PA, Shi Y, Lafleur DW, Li Y, Zeng Z, Kyaw H;
XX
DR WPI; 2003-521800/49.
DR P-PSDB; ABO34662.

PR 02-MAY-2000; 2000JP-00183765.
XX (HELI-) HELIX RES INST.
PA
XX
PI Ota T, Isogai T, Nishikawa T, Kawai Y, Sugiyama T, Hayashi K;
XX
DR WPI; 2001-093989/11.
XX P-PSDB; AAB88428.
XX
PT Nucleic acids encoding secretory proteins/membrane proteins, useful in
PT gene therapy or as candidate target molecules in drug development.
XX
PS Claim 1; SEQ ID NO 223; 609pp + Sequence Listing; English.
XX
CC This invention relates to nucleic acid sequences AAF93744 - AAF93916
CC which encode human secretory or membrane proteins represented by AAB88317
CC - AAB88419. Included in the invention are primers AAF93917 - AAF94295 and
CC AAF62232 - AAF62235 which are used to isolate the cDNA sequences of the
CC invention. The invention also includes methods for the production of
CC antibodies directed against the proteins, and cDNA sequences, which can
CC be used in vaccines. The polynucleotide sequences can be used in gene
CC therapy. The polynucleotide sequences and the proteins they encode may be
CC used in the prevention, treatment and diagnosis of diseases associated
CC with inappropriate secretory protein/membrane protein expression. The
CC nucleic acids and complementary sequences may also be used as DNA probes
CC in diagnostic assays (e.g. polymerase chain reactions (PCR)) to detect
CC and quantitate the presence of similar nucleic acid sequences in samples.
CC They may also be used to study the expression and function of secretory
CC proteins/membrane polypeptides and their role in metabolism. The
CC polypeptides may be used as antigens in the production of antibodies
CC against them and in assays to identify modulators (agonists and
CC antagonists) of expression and activity. The antibodies and antagonists
CC may also be used as therapeutic agents to down regulate expression and
CC activity. The antibodies may also be used as diagnostic agents for
CC detecting the presence of the polypeptides in samples (e.g. by enzyme
CC linked immunosorbant assay (ELISA). Examples of diseases which may be
CC treated include rheumatoid arthritis and diabetes
XX
SQ Sequence 1457 BP; 399 A; 284 C; 314 G; 460 T; 0 U; 0 Other;
Query Match 95.2%; Score 1118; DB 5; Length 1457;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1118; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 57 AGAGGGGAACAAGATGGCGGCGCGGAGGGAGGCTGTGGGTGAGGACCAACTGGGGCT 116
DB 1 AGAGGGGAACAAGATGGCGGCGCGGAGGGAGGCTGTGGGTGAGGACCAACTGGGGCT 60
QY 117 CCCGCCGCTGCTGCTGCTGACATGGCCTTGGCCGAGGTTTGGGACCGCTTCGGCTGA 176
DB 61 CCCGCCGCTGCTGCTGCTGACATGGCCTTGGCCGAGGTTTGGGACCGCTTCGGCTGA 120
QY 177 AGCATTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGCTTCAGTTGACCTA 236
DB 121 AGCATTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGCTTCAGTTGACCTA 180
QY 237 CCCCTTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCTCAGAGGTTGAGGCT 296
DB 181 CCCCTTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCTCAGAGGTTGAGGCT 240
QY 297 GTTTTCATTTTGTGATGATGGAATTTGACTTAAATCGAACTAAATTGGAATG 356
DB 241 GTTTTCATTTTGTGATGATGGAATTTGACTTAAATCGAACTAAATTGGAATG 300
QY 357 TGAATCTGCATGTACAGAAGCATATTCCCAATCTGTAGAGCAATATGCTTCCCATCTTGG 416
DB 301 TGAATCTGCATGTACAGAAGCATATTCCCAATCTGTAGAGCAATATGCTTCCCATCTTGG 360
QY 417 TTGCCAGAAATCAGCTGCCATTTCGCTGAACCTGAGACAAGAACAACTTATGTCCTGATGCC 476
DB 361 TTGCCAGAAATCAGCTGCCATTTCGCTGAACCTGAGACAAGAACAACTTATGTCCTGATGCC 420
QY 477 AAAATGCACTACTCTTTTCCTTAACCTCTGGTGAGGTCATTTCTGGAGTGACATGATGGA 536

DB 421 AAAAATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGGA 480
QY 537 CTCCGCACAGAGCTTTCATAAAGCTTTCATGGACTTTTATCTTCAAGCCGATGACGAAA 596
DB 481 CTCCGCACAGAGCTTTCATAAAGCTTTCATGGACTTTTATCTTCAAGCCGATGACGAAA 540
QY 597 AATAGTTATATTCAGTCTAAGCCAGAAAATCCAGTACGCACCAATTTGGAGCAGGAGCC 656
DB 541 AATAGTTATATTCAGTCTAAGCCAGAAAATCCAGTACGCACCAATTTGGAGCAGGAGCC 600
QY 657 TACAAATTTGAGAGAATCATCTCTAAGCAAAAATGCTCTATCTGCAAAATGAGAAAATTCACA 716
DB 601 TACAAATTTGAGAGAATCATCTCTAAGCAAAAATGCTCTATCTGCAAAATGAGAAAATTCACA 660
QY 717 AGCGCACAGGAATTTTCTTGAAGATGGAGAAAAGTGAATGGCTTTTAAAGATGCTCTCTCT 776
DB 661 AGCGCACAGGAATTTTCTTGAAGATGGAGAAAAGTGAATGGCTTTTAAAGATGCTCTCTCT 720
QY 777 TAACTCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCTCGGTGATGGTATTGCTTTGGAT 836
DB 721 TAACTCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCTCGGTGATGGTATTGCTTTGGAT 780
QY 837 TTGTTGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTAT 896
DB 781 TTGTTGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTAT 840
QY 897 CTATGTTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCT 956
DB 841 CTATGTTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCT 900
QY 957 TGTGTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCTCTACCTACAAAAGT 1016
DB 901 TGTGTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCTCTACCTACAAAAGT 960
QY 1017 GAATCTTGTCTCATTTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACAT 1076
DB 961 GAATCTTGTCTCATTTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACAT 1020
QY 1077 CTAAATTTCCACTCTCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCTTAAGAA 1136
DB 1021 CTAAATTTCCACTCTCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCTTAAGAA 1080
QY 1137 ATCACTATAAAATGCAATAAAGTTACTCAAATCTGTG 1174
DB 1081 ATCACTATAAAATGCAATAAAGTTACTCAAATCTGTG 1118
RESULT 201
AA82075
ID AA82075 standard; cDNA; 1138 BP.
XX
AC AA82075;
XX
DT 20-SEP-1999 (first entry)
XX
DE Human CBCADB07 polypeptide encoding cDNA.
XX
KW Human; CBCADB07; tropomyosin; acquired immunodeficiency syndrome; cancer;
KW muscular atrophy; vaccination; AIDS; ss.
XX Homo sapiens.
OS
FH Key Location/Qualifiers
FT CDS 84..986
FT /*tag= a
FT /product= "CBCADB07"
XX
PN WO9936522-A1.
XX
PD 22-JUL-1999.
XX
PF 19-JAN-1998; 98WO-CN000011.

XX 19-JAN-1998; 98WO-CN000011.
PR (UYSH-) UNIV SHANGHAI SECOND MEDICAL.
XX Shen Y, Wu J, He K, Mao M;
PI WPI; 1999-430614/36.
DR P-PSDB; AAY17299.
XX
PT New CBCADB07 gene useful for the treatment of diseases, including
acquired immunodeficiency syndrome (AIDS), cancer and muscular atrophy.
XX
PS Claim 2; Page 20; 29pp; English.
XX
CC This cDNA encodes a human CBCADB07 polypeptide. The CBCADB07 gene has low
similarity to tropomyosin. Host cells containing an expression system
comprising the CBCADB07 DNA are used for the recombinant production of
the polypeptide. The CBCADB07 polypeptide can be used for the diagnosis
and treatment of diseases associated with increased or decreased CBCADB07
activity. Such diseases include acquired immunodeficiency syndrome
(AIDS), cancer and muscular atrophy. Cells expressing the CBCADB07
polypeptide are used to identify (ant)agonists useful for treating these
diseases. Antibodies are also useful for treating and vaccinating against
these diseases, identifying clones expressing CBCADB07, and purifying the
polypeptide
XX
SQ Sequence 1138 BP; 328 A; 235 C; 258 G; 317 T; 0 U; 0 Other;

Query Match 94.2%; Score 1106; DB 2; Length 1138;
Best Local Similarity 99.9%; Pred. No. 2e-311;
Matches 1117; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

QY 57 AGAGGGGAACAAGATGGCGCGCGCGAAGGGAGCGCTCTGGGTGAGGACCCAACTGGGGCT 116
Db
3 AGAGGGGAACAAGATGGCGCGCGCGGAA-GGGAGCGCTCTGGGTGAGGACCCAACTGGGGCT 61

QY 117 CCCGCCGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGA 176
Db 62 CCCGCCGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGA 121

QY 177 AGCATTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACGGGCGCTGTCAGTTGACCTA 236
Db 122 AGCATTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACGGGCGCTGTCAGTTGACCTA 181

QY 237 CCCCTTGACACCTACCCTAAGGAAGAGGAGTTGTCGCATGTCAGAGAGTTGCAGGCT 296
Db 182 CCCCTTGACACCTACCCTAAGGAAGAGGAGTTGTCGCATGTCAGAGAGTTGCAGGCT 241

QY 297 GTTTTCAATTGTGAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATG 356
Db 242 GTTTTCAATTGTGAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATG 301

QY 357 TGAATCTGCATGTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGG 416
Db 302 TGAATCTGCATGTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGG 361

QY 417 TTGCCAGAAATCAGCTGCCATTCGCTGAACTGAGACAAGAACAACTTATGTCCTGATGCC 476
Db 362 TTGCCAGAAATCAGCTGCCATTCGCTGAACTGAGACAAGAACAACTTATGTCCTGATGCC 421

QY 477 AAAAAATGCACCTACTCTTTTCTCTAACTCTGCTGGTGGGTCATTTCTGGAGTGACATGATGGA 536
Db 422 AAAAAATGCACCTACTCTTTTCTCTAACTCTGCTGGTGGGTCATTTCTGGAGTGACATGATGGA 481

QY 537 CTCCGCACAGAGCTTCATAACCTTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAA 596
Db 482 CTCCGCACAGAGCTTCATAACCTTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAA 541

QY 597 AATAGTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTTGGAGCAGGAGCC 656
Db 542 AATAGTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTTGGAGCAGGAGCC 601

QY 657 TACAAATTTGAGAGAATCATCTCTAAGCAAAATGTCTCTATCTGCAAATGAGAAATTCACA 716
Db
602 TACAAATTTGAGAGAATCATCTCTAAGCAAAATGTCTCTATCTGCAAATGAGAAATTCACA 661

QY 717 AGCGCACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCT 776
Db
662 AGCGCACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCT 721

QY 777 TAACTCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTCGTTTGGAT 836
Db
722 TAACTCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTCGTTTGGAT 781

QY 837 TTGTTGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTAT 896
Db
782 TTGTTGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTAT 841

QY 897 CTATGGTGACTTGGAGTTTATGAATGAACAAAGCTAAGCAGATATCCAGCTTCTCTCT 956
Db
842 CTATGGTGACTTGGAGTTTATGAATGAACAAAGCTAAGCAGATATCCAGCTTCTCTCT 901

QY 957 TGTGTTGTGATGATCTAAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGT 1016
Db
902 TGTGTTGTGATGATCTAAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGT 961

QY 1017 GAATCTTGTCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACAT 1076
Db
962 GAATCTTGTCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACAT 1021

QY 1077 CTAAATTCACACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCCTTAAGAA 1136
Db
1022 CTAAATTCACACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCCTTAAGAA 1081

QY 1137 ATCACTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1082 ATCACTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1119

RESULT 202
ABZ72012
ID ABZ72012 standard; cDNA; 1138 BP.
XX
AC ABZ72012;
XX
DT 01-APR-2003 (first entry)
XX
DE Human unknown cDNA GenBank AF047439.
XX
KW Human; cancer; stomach cancer; cytostatic; gene; ss.
XX
OS Homo sapiens.
XX
PN WO200283899-A1.
XX
PD 24-OCT-2002.
XX
PF 28-MAR-2002; 2002WO-JP003038.
XX
PR 10-APR-2001; 2001JP-00112039.
XX
PS 21-SEP-2001; 2001JP-00290193.
XX
PA (TAKA-) TAKARA BIO INC.
XX
PI Yoshikawa Y, Okamoto S, Oura T, Mineno J, Asada K, Kato I;
PI Inoue H, Mori M;
XX
DR WPI; 2003-093022/08.
XX
PT Measuring changes in expression of 264 cancer associated genes for
PT detection of stomach cancer and screening of potential anticancer agents.
XX
PS Claim 2; Page; 266pp; Japanese.
XX
CC The invention relates to a method for the detection of cancer in which a

CC change in the expression of 1 or more of 264 specified cancer associated
CC genes, ABZ71694-ABZ71957, or of sequences at least 80% homologous to them
CC in the specimen tissue as compared to normal tissue is observed. The
CC genes are used in detection, diagnosis and treatment of cancer,
CC especially of stomach cancer. The present sequence is that of a cancer
CC associated polynucleotide of the invention. Note: The present sequence
CC was not given in the printed specification but was isolated using the
CC GenBank accession number given in the DE line
XX

SQ Sequence 1138 BP; 328 A; 235 C; 258 G; 317 T; 0 U; 0 Other;
Query Match 94.2%; Score 1106; DB 7; Length 1138;
Best Local Similarity 99.9%; Pred. No. 2e-311;
Matches 1117; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

QY 57 AGAGGGGAACAAGATGGCGGCGGGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCT 116
Db 3 AGAGGGGAACAAGATGGCGGCGGCGGAA-GGGAGCCTCTGGGTGAGGACCCAACTGGGGCT 61
QY 117 CCGCGCGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGA 176
Db 62 CCGCGCGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGA 121
QY 177 AGCATTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCACCGGGCCCTGTGAGTTGACCTA 236
Db 122 AGCATTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCACCGGGCCCTGTGAGTTGACCTA 181
QY 237 CCCCTTGACACCTACCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCT 296
Db 182 CCCCTTGACACCTACCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCT 241
QY 297 GTTTTCAATTGTGATGATGGAATTGACTTAAATCGAACTAAATTGGAATG 356
Db 242 GTTTTCAATTGTGATGATGGAATTGACTTAAATCGAACTAAATTGGAATG 301
QY 357 TGAATCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGG 416
Db 302 TGAATCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGG 361
QY 417 TTGCCAGATCAGCTGCCATTTCCTCTAACTGAGTGAAGCAAGCAAACTTATGTCCTGATGCC 476
Db 362 TTGCCAGATCAGCTGCCATTTCCTCTAACTGAGTGAAGCAAGCAAACTTATGTCCTGATGCC 421
QY 477 AAAATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGA 536
Db 422 AAAATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGA 481
QY 537 CTCGGCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAAA 596
Db 482 CTCGGCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAAA 541
QY 597 AATAGTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTTGGAGCAGGAGCC 656
Db 542 AATAGTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTTGGAGCAGGAGCC 601
QY 657 TACAAATTTGAGAGAATCATCTTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACA 716
Db 602 TACAAATTTGAGAGAATCATCTTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACA 661
QY 717 AGCGCACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCT 776
Db 662 AGCGCACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCT 721
QY 777 TAACTCTGGGTGGAATTTAACTACAACTCTTGCTCCTCTCGGTGATGGTATTTGGTTGGAT 836
Db 722 TAACTCTGGGTGGAATTTAACTACAACTCTTGCTCCTCTCGGTGATGGTATTTGGTTGGAT 781
QY 837 TTGTTGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTCCTCTGAGAAAGTCAGTAT 896
Db 782 TTGTTGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTCCTCTGAGAAAGTCAGTAT 841
QY 897 CTATGGTGACTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCT 956

Db 842 CTATGGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCT 901
QY 957 TGTGGTTGTAGATCTRAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGT 1016
Db 902 TGTGGTTGTAGATCTRAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGT 961
QY 1017 GAATCTTGTCTCATTCTGAAATTTAAGCATTCTTTCTTTTAAAGACAAAGTGTATAGACAT 1076
Db 962 GAATCTTGTCTCATTCTGAAATTTAAGCATTCTTTCTTTTAAAGACAAAGTGTATAGACAT 1021
QY 1077 CTAAATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAA 1136
Db 1022 CTAAATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAA 1081
QY 1137 ATCACTATAAAATGCAATATAAGTTACTCAATCTGTG 1174
Db 1082 ATCACTATAAAATGCAATATAAGTTACTCAATCTGTG 1119

RESULT 203
ABZ75896

ID ABZ75896 standard; cDNA; 1138 BP.

XX
AC ABZ75896;
XX
DT 15-MAY-2003 (first entry)
XX

Heart disease targeting novel cDNA AF047439.

Cardiant; hypotension; antiarrhythmic; gene therapy; heart disease;
transgenic; human; gene; ss.

Homo sapiens.

Key Location/Qualifiers
CDS 84..986
/*tag= a

WO2003006687-A2.

23-JAN-2003.

10-JUL-2002; 2002WO-EP007704.

10-JUL-2001; 2001US-0304385P.

(MEDI-) MEDIGENE AG.

Reuner B, Bunk D, Henkel T;

WPI; 2003-229493/22.

P-PSDB; ABP71501.

Identifying a subject at risk for a disease of the heart, comprises
quantitating the amount of at least one RNA or a polypeptide in the heart
tissue or serum of the blood of the subject.

Claim 1; Fig 1B; 197pp; English.

The invention relates to identifying a subject at risk for a disease of
the heart and involves quantitating the amount of at least one RNA or a
polypeptide in the heart tissue or serum of the blood of the subject. The
DNA, polypeptides, compounds identified by the methods above, the refined
or modified compounds, and the monoclonal antibodies are useful for
manufacturing a pharmaceutical composition for preventing or treating
heart diseases, e.g. congestive heart failure, dilative cardiomyopathy,
hypertrophic cardiomyopathy, ischaemic cardiomyopathy, specific heart
muscle disease, rhythm and conduction disorders, syncope and sudden
death, coronary heart disease, systemic arterial hypertension, pulmonary
hypertension and pulmonary heart disease, valvular heart disease,
congenital heart disease, pericardial disease or endocarditis. Transgenic
animals are useful for developing medicaments for treating heart
diseases. The methods are useful for identifying a subject at risk for a

CC heart disease, or for identifying compounds for treating heart disease.
CC Sequences ABZ75894-911 represent specific examples of polynucleotides
CC that are used as target genes and can be quantitated using the method of
CC the invention
XX
SQ Sequence 1138 BP; 328 A; 235 C; 258 G; 317 T; 0 U; 0 Other;
Query Match 94.2%; Score 1106; DB 7; Length 1138;
Best Local Similarity 99.9%; Pred. No. 2e-311;
Matches 1117; Conservative 0; Mismatches 0; Indels 1; Gaps 1;
QY 57 AGAGGGGAACAAGATGGCGGCGCCGAGGGGAGCCTCTGGGTGAGCACCACCAACTGGGGCT 116
Db 3 AGAGGGGAACAAGATGGCGGCGCCGAA-GGAGCCTCTGGGTGAGCACCACCAACTGGGGCT 61
QY 117 CCCGCCGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGA 176
Db 62 CCCGCCGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGA 121
QY 177 AGCATTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCTGTGAGCTTA 236
Db 122 AGCATTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCTGTGAGCTTA 181
QY 237 CCCCTTGCACACCTACCTAAGGAAGAGGAGTGTACGCATGTGAGAGAGGTTGCAGGCT 296
Db 182 CCCCTTGCACACCTACCTAAGGAAGAGGAGTGTACGCATGTGAGAGAGGTTGCAGGCT 241
QY 297 GTTTTCAATTGTCAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAAATG 356
Db 242 GTTTTCAATTGTCAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAAATG 301
QY 357 TGAATCTGCATGTACAGAAGCATATTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGG 416
Db 302 TGAATCTGCATGTACAGAAGCATATTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGG 361
QY 417 TTGCCAGAATCAGCTGCCAATCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCC 476
Db 362 TTGCCAGAATCAGCTGCCAATCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCC 421
QY 477 AAAAATGCACCTACTCTTCTCTCTAACTCTGTGAGGTCAATCTGAGTGACATGATGGA 536
Db 422 AAAAATGCACCTACTCTTCTCTCTAACTCTGTGAGGTCAATCTGAGTGACATGATGGA 481
QY 537 CTCGCGACAGAGCTTCAAAACCTCTTCAATGGAATTTTATCTTCAAGCCGATGACGGAAA 596
Db 482 CTCGCGACAGAGCTTCAAAACCTCTTCAATGGAATTTTATCTTCAAGCCGATGACGGAAA 541
QY 597 AATAGTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCACACATTTGGAGCAGGAGCC 656
Db 542 AATAGTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCACACATTTGGAGCAGGAGCC 601
QY 657 TACAATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACA 716
Db 602 TACAATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACA 661
QY 717 AGCGCACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCT 776
Db 662 AGCGCACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCT 721
QY 777 TAACTCTGGTGGATTTTAACTACAACTCTTGTCTCTCTCGGTGATGGTATTTGGAT 836
Db 722 TAACTCTGGTGGATTTTAACTACAACTCTTGTCTCTCTCGGTGATGGTATTTGGAT 781
QY 837 TTGTTTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTAT 896
Db 782 TTGTTTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTAT 841
QY 897 CTATGGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCT 956
Db 842 CTATGGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCT 901
QY 957 TGTGGTTGTTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGT 1016

Db 902 TGTGTTGTTAGATCTIAAAACTGAAGATCATGAAGAAGCAGGGCCTTACCTACAAAAGT 961
QY 1017 GAATCTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTATAGACAT 1076
Db 962 GAATCTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTATAGACAT 1021
QY 1077 CTAAATTCACCTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCTTAAGAA 1136
Db 1022 CTAAATTCACCTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCTTAAGAA 1081
QY 1137 ATCACTATAAAATGCAATATAAGTTTACTCTCAAAATCTGTG 1174
Db 1082 ATCACTATAAAATGCAATATAAGTTTACTCTCAAAATCTGTG 1119
RESULT 204
ADC37346
ID ADC37346 standard; DNA; 1466 BP.
XX
AC ADC37346;
XX
AC
DT 18-DEC-2003 (first entry)
XX
DE Nuclear factor kappa B (NF-kappaB) activating gene, SEQ ID 179.
XX
DE Nuclear factor kappa B; NF-kappaB; inflammation; autoimmune disease;
KW cancer; infectious disease; bone disease; AIDS;
KW neurodegenerative disease; ischaemic disorder; Antiinflammatory;
KW Immunomodulator; Cytostatic; Antimicrobial; Osteopathic; Anti-HIV;
KW Neuroprotective; Nootropic; Cardiant; Gene therapy; human; gene; ds.
XX
OS Homo sapiens.
XX
XX
PN WO2003048202-A2.
XX
PD 12-JUN-2003.
XX
PF 03-DEC-2002; 2002WO-JP012644.
XX
PR 03-DEC-2001; 2001JP-00368692.
PR 05-DEC-2001; 2001US-0335829P.
PR 03-OCT-2002; 2002JP-00291302.
PR 04-OCT-2002; 2002US-0415769P.
XX
PA (ASAH) ASahi KASEI KK.
XX
PI Matsuda A, Muramatsu S;
XX
DR WPI; 2003-505282/47.
XX
DR P-PSDB; ADC37347.
XX
PT New purified protein that activates nuclear factor kappa B (NF-kappaB),
PT useful for treating inflammation, autoimmune diseases, cancers,
PT infectious diseases, bone diseases, AIDS, neurodegenerative diseases or
PT ischemic disorders.
XX
PS Claim 4; SEQ ID NO 179; 938pp; English.
XX
PS
CC The present invention relates to novel proteins and their coding
CC sequences (ADC37168-ADC37455), which activate nuclear factor kappa B (NF-
CC kappaB). The proteins and their coding sequences are useful for treating
CC a disease associated with NF-kappaB activation, such as inflammation,
CC autoimmune diseases, cancers, infectious diseases, bone diseases, AIDS,
CC neurodegenerative diseases, or ischaemic disorders.
XX
SQ Sequence 1466 BP; 402 A; 285 C; 319 G; 460 T; 0 U; 0 Other;
Query Match 94.1%; Score 1105; DB 9; Length 1466;
Best Local Similarity 99.7%; Pred. No. 4.5e-311;
Matches 1118; Conservative 0; Mismatches 0; Indels 3; Gaps 1;
QY 57 AGAGGGGAACAAGATGGCGGCGCCGAGGGGAGCCTCTGGGTGAGCACCACCAACTGGGGCT 116

Db 5 AGAGGGGAACAAGATGGGGCGCGGAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCT 64

QY 117 CCGCGCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGA 176

Db 65 CCGCGCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGA 124

QY 177 AGCATTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCCTGTCAGTTGACCTA 236

Db 125 AGCATTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCCTGTCAGTTGACCTA 184

QY 237 CCCCTTGACACCTACCCTAAGGAAGAGGAGTTGTACCATGTTCAGAGAGTTTCAGGCT 296

Db 185 CCCCTTGACACCTACCCTAAGGAAGAGGAGTTGTACCATGTTCAGAGAGTTTCAGGCT 244

QY 297 GTTTTCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATG 356

Db 245 GTTTTCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATG 304

QY 357 TGAATCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGG 416

Db 305 TGAATCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGG 364

QY 417 TTGCCAGAAATCAGCTGCCATTTCGCTGAATCTGAGACAAGAACAACTTATGTCCCTGATGCC 476

Db 365 TTGCCAGAAATCAGCTGCCATTTCGCTGAATCTGAGACAAGAACAACTTATGTCCCTGATGCC 424

QY 477 AAAAATGCACCTACTCTTTTCCCTCTAACTCTGGTGAGGTCATTTCTGGAGTGACATGATGA 536

Db 425 AAAAATGCACCTACTCTTTTCCCTCTAACTCTGGTGAGGTCATTTCTGGAGTGACATGATGA 484

QY 537 CTCCGCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAA 596

Db 485 CTCCGCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAA 544

QY 597 AATAGTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTTGGAGCAGGAGCC 656

Db 545 AATAGTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTTGGAGCAGGAGCC 604

QY 657 TACAAATTTGAGAGAATCATCTCTAAGCAAAATGTCCT---ATCTGCAATGAGAAATTC 713

Db 605 TACAAATTTGAGAGAATCATCTCTAAGCAAAATGTCCTCAGATCTGCAATGAGAAATTC 664

QY 714 ACAAGCGACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTC 773

Db 665 ACAAGCGACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTC 724

QY 774 TCTTAACTCTGGGTGGATTTTAACTAACAATCTTGTCTCTCGGTGATGATGCTTTG 833

Db 725 TCTTAACTCTGGGTGGATTTTAACTAACAATCTTGTCTCTCGGTGATGATGCTTTG 784

QY 834 GATTGTGTGCAACTGTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAG 893

Db 785 GATTGTGTGCAACTGTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAG 844

QY 894 TATCTATGGTGAATTTGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTC 953

Db 845 TATCTATGGTGAATTTGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTC 904

QY 954 TCTTGTGTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAA 1013

Db 905 TCTTGTGTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAA 964

QY 1014 AGTGAATCTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGAACAAAGTGAATAGA 1073

Db 965 AGTGAATCTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGAACAAAGTGAATAGA 1024

QY 1074 CATCTAAATTTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCCTTAA 1133

Db 1025 CATCTAAATTTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCCTTAA 1084

QY 1134 GAAATCAGTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

Db 1085 GAAATCAGTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1125

RESULT 205
ABK35662
ID ABK35662 standard; cDNA; 1109 BP.

XX
AC ABK35662;
XX
DT 08-MAY-2002 (first entry)
XX

cDNA sequence #53 encoding novel human secreted protein.

XX
KW Human secreted protein; hyperproliferative disorder; autoimmune disorder;
KW immune deficiency disorder; blood disorder; inflammatory disorder;
KW infectious disorder; allergic condition; neurodegenerative disorder;
KW liver fibrosis; coagulation disorder; gene therapy; antimicrobial;
KW tumour; cancer; hepatotropic; immunosuppressive; antirheumatic; gene; ss.

XX Homo sapiens.
XX
PN WO200177289-A2.

XX 18-OCT-2001.

XX 29-MAR-2001; 2001WO-US010232.

XX 06-APR-2000; 2000US-0195605P.

XX (GEMY) GENETICS INST INC.

XX
PI Jacobs K, McCoy JM, Lavallie ER, Collins-Racie LA, Evans C;
PI Merberg D, Treacy M, Agostino MJ, Bowman MR, Spaulding V, Wong GG;
PI Clark HF, Fechtel K, Howes SH, Resnick RJ, Gulukota K, Graham JR;
XX
DR WPI; 2002-179322/23.

XX
PT Six hundred and twenty three polynucleotides derived from a variety of
PT human tissue sources which encode secreted proteins, useful for treating
PT immune deficiencies and disorders such as autoimmune disorders.

PS Claim 1; Page 101; 393pp; English.

XX
CC The present invention relates to the isolation of novel cDNA sequences
CC which encode human secreted proteins. The cDNA sequences have been
CC derived from a variety of human tissues. The invention also provides a
CC method for producing proteins from these polynucleotide sequences. The
CC proteins are useful for identifying compounds that modulate their
CC activity and production. The sequences of the invention are useful for
CC treating diseases such as hyperproliferative disorders (e.g. cancer),
CC immune deficiency disorders (e.g. severe combined immunodeficiency
CC (SCID)), autoimmune disorders (e.g. multiple sclerosis), blood disorders
CC (e.g. thrombocytopenia), inflammatory disorders (e.g. arthritis),
CC infectious disorders (e.g. hepatitis), allergic conditions (e.g. asthma),
CC neurodegenerative disorders (e.g. Alzheimer's disease), liver fibrosis,
CC coagulation disorders (e.g. haemophilia), and tumours. The polynucleotide
CC sequences of the invention are also useful in gene therapy. ABK35610-
CC ABK36232 represent the cDNA sequences of the invention that encode for
CC novel human secreted proteins

SQ Sequence 1109 BP; 304 A; 235 C; 253 G; 317 T; 0 U; 0 Other;

Query Match 94.0%; Score 1103; DB 6; Length 1109;
Best Local Similarity 100.0%; Pred. No. 1.5e-310;
Matches 1103; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 GCGGCGCGCGAAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGCTCCCGCGCTGCTGCT 131
Db 7 GCGGCGCGCGAAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGCTCCCGCGCTGCTGCT 66
QY 132 GCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGGTGAAGCATTTGACTCGGT 191
Db 67 GCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGGTGAAGCATTTGACTCGGT 126

QY 192 CTTGGGTGATACGGCGTCTTGGCCACCGGCCCTGTGAGTTGACCTACCCCTTGACACACCTA 251
|||
Db 127 CTTGGGTGATACGGCGTCTTGGCCACCGGCCCTGTGAGTTGACCTACCCCTTGACACACCTA 186
|||
QY 252 CCCTAAGGAAGAGGAGTTGTACGCAFGTCAGAGAGGTTGCAGGGCTGTTTTCAATTGTGCA 311
|||
Db 187 CCCTAAGGAAGAGGAGTTGTACGCAFGTCAGAGAGGTTGCAGGGCTGTTTTCAATTGTGCA 246
|||
QY 312 GTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAATCTGCATGTAC 371
|||
Db 247 GTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAATCTGCATGTAC 306
|||
QY 372 AGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGCCAGAAATCAGCT 431
|||
Db 307 AGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGCCAGAAATCAGCT 366
|||
QY 432 GCCATTGCTGAACTGAGACAAGACAACAACTTATGTCCCTGATGCCAAAATGCACCTACT 491
|||
Db 367 GCCATTGCTGAACTGAGACAAGACAACAACTTATGTCCCTGATGCCAAAATGCACCTACT 426
|||
QY 492 CTTTCCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGATGGACTCCGCCACAGAGCTT 551
|||
Db 427 CTTTCCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGATGGACTCCGCCACAGAGCTT 486
|||
QY 552 CATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATAGTTATATCCA 611
|||
Db 487 CATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATAGTTATATCCA 546
|||
QY 612 GTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGAGAGCTACAAATTTGAGAGA 671
|||
Db 547 GTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGAGAGCTACAAATTTGAGAGA 606
|||
QY 672 ATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATCACAAGCGCACAGGAATTT 731
|||
Db 607 ATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATCACAAGCGCACAGGAATTT 666
|||
QY 732 TCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTTAACTCTGGGTGGAT 791
|||
Db 667 TCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTTAACTCTGGGTGGAT 726
|||
QY 792 TTTAACTACAACTCTGTCTCTCTCGGTGATGTTGCTTTGGAATTTGTTGCAACTGT 851
|||
Db 727 TTTAACTACAACTCTGTCTCTCTCGGTGATGTTGCTTTGGAATTTGTTGCAACTGT 786
|||
QY 852 TGCTACAGCTGTGGACAGTATGTTCCCTCTGAGAAGCTGAGTATCTATGGTGACTTGA 911
|||
Db 787 TGCTACAGCTGTGGACAGTATGTTCCCTCTGAGAAGCTGAGTATCTATGGTGACTTGA 846
|||
QY 912 GTTTATGAATGAACAAAAAGCTAAACAGATATCCAGCTTCTTCTGTGTTGTTAGATC 971
|||
Db 847 GTTTATGAATGAACAAAAAGCTAAACAGATATCCAGCTTCTTCTGTGTTGTTAGATC 906
|||
QY 972 TAAAACTGAAGATCATGAAGAAGCAGGSCCTCTACCTACAAAAAGTGAATCTTGCTCATTC 1031
|||
Db 907 TAAAACTGAAGATCATGAAGAAGCAGGSCCTCTACCTACAAAAAGTGAATCTTGCTCATTC 966
|||
QY 1032 TGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAAAATTCACCTCC 1091
|||
Db 967 TGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAAAATTCACCTCC 1026
|||
QY 1092 TCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCAGTATAAATGC 1151
|||
Db 1027 TCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCAGTATAAATGC 1086
|||
QY 1152 AAATAAAGTTACTCAAAATCTGTG 1174
|||
Db 1087 AAATAAAGTTACTCAAAATCTGTG 1109
|||

RESULT 206
AAX35556
ID AAX35556 standard; cDNA; 1472 BP.
XX

AAX35556;
08-JUL-1999 (first entry)
Secreted protein clone bm41_7 polynucleotide sequence.
Secreted protein; nutritional activity; cytokine; cell proliferation;
cell differentiation; vaccine; haematopoiesis regulating activity;
tissue growth; activin; inhibin; chemotactic; chemokinetic; haemostatic;
thrombolytic; receptor; ligand; anti-inflammatory; cadherin;
tumor invasion; tumor inhibition; gene therapy; ss.
Homo sapiens.
WO9918127-A1.
15-APR-1999.
02-OCT-1998; 98WO-US020793.
02-OCT-1997; 97US-00942813.
01-OCT-1998; 98US-00165960.
(GEMY) GENETICS INST INC.
Jacobs K, McCoy JM, Lavallie ER, Racie LA, Evans C, Merberg D;
Treacy M, Agostino MJ, Spaulding V;
WPI; 1999-277255/23.
P-PSDB; AAY02282.
New human polynucleotides encoding secreted proteins useful for gene
therapy.
Claim 12; Page 75; 87pp; English.
Polynucleotides AAX3555-62 encode secreted proteins (AAY02281-87). The
polynucleotides are obtained from human fetal kidney, human adult muscle,
human placenta, murine adult bone marrow, human adult spinal cord and
human adult lymph node cDNA libraries. The polynucleotides and proteins
are predicted to have biological activities which would make them
suitable for treating, preventing or ameliorating medical conditions in
humans and animals, although no supporting data is given. Suggested
activities include nutritional activity, cytokine and cell
proliferation/differentiation activity, immune stimulating (e.g. as
vaccines) or suppressing activity, haematopoiesis regulating activity,
tissue growth activity, activin/inhibin activity,
chemotactic/chemokinetic activity, haemostatic and thrombolytic activity,
receptor/ligand activity, anti-inflammatory activity, cadherin/tumor
invasion suppressor activity, and tumor inhibition activity. The
polynucleotides are also stated to be useful for gene therapy
Sequence 1472 BP; 415 A; 285 C; 310 G; 462 T; 0 U; 0 Other;
Query Match 93.4%; Score 1097; DB 2; Length 1472;
Best local Similarity 99.7%; Pred. No. 9.7e-309;
Matches 1110; Conservative 0; Mismatches 0; Indels 3; Gaps 1;
QY 65 ACAAGATGGCGCGCCGAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCCCGC 124
|||
Db 1 ACAAGATGGCGCGCCGAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCCCGC 60
|||
QY 125 TGCTGCTGTGACCATGSCCTTGGCCGGAGGTTGCGGGACCGCTTCGGCTGAAGCATTTG 184
|||
Db 61 TGCTGCTGTGACCATGSCCTTGGCCGGAGGTTGCGGGACCGCTTCGGCTGAAGCATTTG 120
|||
QY 185 ACTCGGCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTGAGTTGACCTACCCCTTGC 244
|||
Db 121 ACTCGGCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTGAGTTGACCTACCCCTTGC 180
|||
QY 245 ACACCTACCCCTAAGGAAGAGGAGTTGTACCGATGTCAGAGAGGTTGAGGCTGTTTCAA 304
|||
Db 181 ACACCTACCCCTAAGGAAGAGGAGTTGTACCGATGTCAGAGAGGTTGAGGCTGTTTCAA 240
|||

QY 305 TTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAATTAATGGAATGGAATGTAATCTG 364
Db 241 TTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAATTAATGGAATGGAATGTAATCTG 300
QY 365 CATGTACAGAAGCAATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGCAGA 424
Db 301 CATGTACAGAAGCAATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGCAGA 360
QY 425 ATCAGCTGCCATTCGCTGAACCTGAGACAAAGCAAACTTATGTCCTGATGCCAAAATGC 484
Db 361 ATCAGCTGCCATTCGCTGAACCTGAGACAAAGCAAACTTATGTCCTGATGCCAAAATGC 420
QY 485 ACCTACTCTTTCCCTCTAACTCTGGTGAGGTCATTTCTGGAGTGACATGATGGACTCCGCAC 544
Db 421 ACCTACTCTTTCCCTCTAACTCTGGTGAGGTCATTTCTGGAGTGACATGATGGACTCCGCAC 480
QY 545 AGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATAGTTA 604
Db 481 AGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATAGTTA 540
QY 605 TATTCCAGTCTAAGCCAGAAATCCAGTACGACCACACATTTGGAGCAGGAGCCCTACAAT 664
Db 541 TATTCCAGTCTAAGCCAGAAATCCAGTACGACCACACATTTGGAGCAGGAGCCCTACAAT 600
QY 665 TGAGAGAATCATCTCTAAGCAAAATGTCCT---ATCTGCAATGAGAAATTCACAAGGC 721
Db 601 TGAGAGAATCATCTCTAAGCAAAATGTCCTCAGATCTGCAATGAGAAATTCACAAGGC 660
QY 722 ACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAT 781
Db 661 ACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAT 720
QY 782 CTGGGTGGATTTTAACCTAACACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGTT 841
Db 721 CTGGGTGGATTTTAACCTAACACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGTT 780
QY 842 GTGCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCATG 901
Db 781 GTGCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCATG 840
QY 902 GTGACTTGGATTTATGAATGAACAAAAGCTAAACAGATATCCAGTCTTCTCTTGTGG 961
Db 841 GTGACTTGGATTTATGAATGAACAAAAGCTAAACAGATATCCAGTCTTCTCTTGTGG 900
QY 962 TTGTTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGATC 1021
Db 901 TTGTTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGATC 960
QY 1022 TTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAAAGCAAGTGTAATAGACATCTAAA 1081
Db 961 TTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAAAGCAAGTGTAATAGACATCTAAA 1020
QY 1082 ATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAGAAATCAC 1141
Db 1021 ATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAGAAATCAC 1080
QY 1142 TATAAATGCAATAAAGTTACTCAAATCTGTG 1174
Db 1081 TATAAATGCAATAAAGTTACTCAAATCTGTG 1113

RESULT 207
AAV59667
ID AAV59667 standard; DNA; 1756 BP.
XX
AC AAV59667;
XX
DT 19-JAN-1999 (first entry)
XX
DE Human secreted protein gene 157 clone HLTBD27.
XX
KW Human; secreted protein; fusion protein; gene therapy; protein therapy;

KW diagnosis; tissue; cancer; tumour; neurodegenerative disorder; leukaemia;
KW developmental abnormality; foetal deficiency; blood; allergy; renal; ds;
KW immune system; asthma; lymphocytic disease; brain; hepatic; lymphoma;
KW inflammation; ischaemic shock; Alzheimer's disease; restenosis; AIDS;
KW cognitive disorder; schizophrenia; prostate; obesity; osteoclast; thymus;
KW osteoporosis; arthritis; testis; lung; thyroiditis; thyroid; digestion;
KW endocrine; metabolism; regulation; malabsorption; gastritis; neoplasm.
XX Homo sapiens.
OS
XX
PN WO9839448-A2.
XX
PD 11-SEP-1998.
XX 06-MAR-1998; 98WO-US004493.
PF 07-MAR-1997; 97US-0038621P.
XX 07-MAR-1997; 97US-0040161P.
XX 07-MAR-1997; 97US-0040162P.
XX 07-MAR-1997; 97US-0040163P.
XX 07-MAR-1997; 97US-0040333P.
XX 07-MAR-1997; 97US-0040334P.
XX 07-MAR-1997; 97US-0040336P.
XX 07-MAR-1997; 97US-0040626P.
XX 11-APR-1997; 97US-0043311P.
XX 11-APR-1997; 97US-0043312P.
XX 11-APR-1997; 97US-0043313P.
XX 11-APR-1997; 97US-0043314P.
XX 11-APR-1997; 97US-0043315P.
XX 11-APR-1997; 97US-0043568P.
XX 11-APR-1997; 97US-0043569P.
XX 11-APR-1997; 97US-0043576P.
XX 11-APR-1997; 97US-0043578P.
XX 11-APR-1997; 97US-0043580P.
XX 11-APR-1997; 97US-0043669P.
XX 11-APR-1997; 97US-0043670P.
XX 11-APR-1997; 97US-0043671P.
XX 11-APR-1997; 97US-0043672P.
XX 11-APR-1997; 97US-0043674P.
XX 23-MAY-1997; 97US-0047492P.
XX 23-MAY-1997; 97US-0047500P.
XX 23-MAY-1997; 97US-0047501P.
XX 23-MAY-1997; 97US-0047502P.
XX 23-MAY-1997; 97US-0047503P.
XX 23-MAY-1997; 97US-0047581P.
XX 23-MAY-1997; 97US-0047582P.
XX 23-MAY-1997; 97US-0047583P.
XX 23-MAY-1997; 97US-0047584P.
XX 23-MAY-1997; 97US-0047585P.
XX 23-MAY-1997; 97US-0047586P.
XX 23-MAY-1997; 97US-0047587P.
XX 23-MAY-1997; 97US-0047588P.
XX 23-MAY-1997; 97US-0047589P.
XX 23-MAY-1997; 97US-0047590P.
XX 23-MAY-1997; 97US-0047592P.
XX 23-MAY-1997; 97US-0047593P.
XX 23-MAY-1997; 97US-0047594P.
XX 23-MAY-1997; 97US-0047595P.
XX 23-MAY-1997; 97US-0047596P.
XX 23-MAY-1997; 97US-0047597P.
XX 23-MAY-1997; 97US-0047598P.
XX 23-MAY-1997; 97US-0047599P.
XX 23-MAY-1997; 97US-0047600P.
XX 23-MAY-1997; 97US-0047601P.
XX 23-MAY-1997; 97US-0047612P.
XX 23-MAY-1997; 97US-0047613P.
XX 23-MAY-1997; 97US-0047614P.
XX 23-MAY-1997; 97US-0047615P.
XX 23-MAY-1997; 97US-0047617P.
XX 23-MAY-1997; 97US-0047618P.
XX 23-MAY-1997; 97US-0047632P.
XX 23-MAY-1997; 97US-0047633P.
XX 06-JUN-1997; 97US-0048964P.

PR 06-JUN-1997; 97US-0048974P.
PR 13-JUN-1997; 97US-0049610P.
PR 08-JUL-1997; 97US-0051926P.
PR 16-JUL-1997; 97US-0052874P.
PR 18-AUG-1997; 97US-0055724P.
PR 22-AUG-1997; 97US-0056630P.
PR 22-AUG-1997; 97US-0056631P.
PR 22-AUG-1997; 97US-0056632P.
PR 22-AUG-1997; 97US-0056636P.
PR 22-AUG-1997; 97US-0056637P.
PR 22-AUG-1997; 97US-0056662P.
PR 22-AUG-1997; 97US-0056664P.
PR 22-AUG-1997; 97US-0056845P.
PR 22-AUG-1997; 97US-0056862P.
PR 22-AUG-1997; 97US-0056864P.
PR 22-AUG-1997; 97US-0056872P.
PR 22-AUG-1997; 97US-0056874P.
PR 22-AUG-1997; 97US-0056875P.
PR 22-AUG-1997; 97US-0056876P.
PR 22-AUG-1997; 97US-0056877P.
PR 22-AUG-1997; 97US-0056878P.
PR 22-AUG-1997; 97US-0056879P.
PR 22-AUG-1997; 97US-0056880P.
PR 22-AUG-1997; 97US-0056881P.
PR 22-AUG-1997; 97US-0056882P.
PR 22-AUG-1997; 97US-0056884P.
PR 22-AUG-1997; 97US-0056886P.
PR 22-AUG-1997; 97US-0056887P.
PR 22-AUG-1997; 97US-0056888P.
PR 22-AUG-1997; 97US-0056889P.
PR 22-AUG-1997; 97US-0056892P.
PR 22-AUG-1997; 97US-0056893P.
PR 22-AUG-1997; 97US-0056894P.
PR 22-AUG-1997; 97US-0056903P.
PR 22-AUG-1997; 97US-0056908P.
PR 22-AUG-1997; 97US-0056909P.
PR 22-AUG-1997; 97US-0056910P.
PR 22-AUG-1997; 97US-0056911P.
PR 05-SEP-1997; 97US-0057650P.
PR 05-SEP-1997; 97US-0057659P.
PR 05-SEP-1997; 97US-0057761P.
PR 12-SEP-1997; 97US-0058785P.
PR 02-OCT-1997; 97US-0061060P.
XX
PA (HUMA-) HUMAN GENOME SCI INC.

PI Ruben SM, Rosen CA, Fischer CL, Soppet DR, Carter KC;
PI Bednarik DP, Endress GA, Yu G, Ni J, Feng P, Young PE, Greene JM;
PI Ferrie AM, Duan R, Hu J, Florence KA, Olsen HS, Ebner R, Brewer LA;
PI Moore PA, Shi Y, Lafleur DW, Li Y, Zeng Z, Kyaw H;
XX WPI; 1998-506364/43.
DR P-PSDB; AAW74884.

PT New isolated human genes and the secreted polypeptide(s) they encode -
PT useful for diagnosis and treatment of e.g. cancers, neurological
PT disorders, immune diseases, inflammation or blood disorders.

XX Claim 1; Page 395-396; 721pp; English.

XX This sequence represents a nucleic acid molecule designated Gene 157 from
CC the human cDNA clone HLTD27 (deposited as clone ATCC 97903 and ATCC
CC 209049) which encodes a secreted human protein. The gene can be used to
CC generate fusion proteins by linking to the gene to a human immunoglobulin
CC Fc portion (e.g. AAV59502) for increasing the stability of the fused
CC protein as compared to the human protein only. The invention relates to
CC 186 novel genes and their fragments (nucleic acid sequences: AAV59511-
CC V59812; amino acid sequences AAW74731-W75026) which are useful for
CC preventing, treating or ameliorating medical conditions e.g. by protein
CC or gene therapy. Also, pathological conditions can be diagnosed by
CC determining the amount of the new polypeptides in a sample or by
CC determining the presence of mutations in the new polynucleotides.
CC Specific uses are described for each of the 186 polynucleotides, based on

CC which tissues they are most highly expressed in (see AAV59511 for
CC described uses)
XX
SQ Sequence 1756 BP; 481 A; 355 C; 420 G; 458 T; 0 U; 42 Other;
Query Match 89.4%; Score 1049; DB 2; Length 1756;
Best Local Similarity 94.7%; Pred. No. 1e-294;
Matches 1119; Conservative 11; Mismatches 37; Indels 15; Gaps 4;
QY 8 GTGGGGAAACCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAGGGGAACA 67
DB 222 GAGGAGAAACCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAGGGGAACA 281
QY 68 AGATGCGCGCGCCGAAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCGCGCTGC 127
DB 282 AGATGCGCGCGCCGAAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCGCGCTGC 341
QY 128 TGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCATTTGACT 187
DB 342 TGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCATTTGACT 401
QY 188 CGGTCTTGGGTGATACCGGCTCTTGCCACCGGGCCTGTGAGTTGACCTACCCCTTGACACA 247
DB 402 CGGTCTTGGGTGATACCGGCTCTTGCCACCGGGCCTGTGAGTTGACCTACCCCTTGACACA 461
QY 248 CCTACCTAAGGAAGAGAGGAGTTGTACGCATGTACAGAGAGGTTGCAGGCTGTTTCAATTT 307
DB 462 CCTACCTAAGGAAGAGAGGAGTTGTACGCATGTACAGAGAGGTTGCAGGCTGTTTCAATTT 521
QY 308 GTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAATCTGCAT 367
DB 522 GTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAATCTGCAT 581
QY 368 GTACAGAAAGCATATTCCTAATCTGATGAGCAATATGCTTGCATCTTGGTTGCCAGAATC 427
DB 582 GTACAGAAAGCATATTCCTAATCTGATGAGCAATATGCTTGCATCTTGGTTGCCAGAATC 641
QY 428 AGCTGCCATTGCTGAATGAGACAAGAACTTATGCTCCCTGATGCCAAAATTCACAC 487
DB 642 AGCTGCCATTGCTGAATGAGACAAGAACTTATGCTCCCTGATGCCAAAATTCACAC 701
QY 488 TACTCTTTCTCTAATCTGAGGAGGTCATCTGGAGTGACATGATGAGTCCGCACAGA 547
DB 702 TACTCTTTCTCTAATCTGAGGAGGTCATCTGGAGTGACATGATGAGTCCGCACAGA 761
QY 548 GCTTCATAACCTCTTCATGACTTTTATCTTCAAGCCGATGACGGAAAATAGTTATAT 607
DB 762 GCTTCATAACCTCTTCATGACTTTTATCTTCAAGCCGATGACGGAAAATAGTTATAT 821
QY 608 TCCAGTCTAAGCC--AGAAATCCAGTACGCACCACTTTGGAGC--AGGAGCCTACAA 661
DB 822 TCCAGTCTAAGCCAGGAATCCAGGTACGCACCACTTTGGAGCCAGGAGCCCTACCAA 881
QY 662 ATTTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCT--GCAATGAGAAATTCACAAG 718
DB 882 ATTTGGRGRGAWCMTCCTTAAGCAAAATGTCCTCAKMTGCGSMAATGAGAAATTCACAAG 941
QY 719 CGCACAGGAATTTTCTTGAAGATGGAGAAAGTGAAGTGGCTTTTAAAGATGCTCTCTTA 778
DB 942 CGCACAGGAATTTTCTTGAAGATGGAGAAAGTGAAGTGGCTTTTAAAGATGCTCTCTTA 1001
QY 779 ACTCTGGGTGATTTTAACTACAACCTTGTCTCTCGGTGATGGTATGCTTTGGATTT 838
DB 1002 ACTCTGGGTGATTTTAACTACAACCTTGTCTCTCGGTGATGGTATGCTTTGGATTT 1061
QY 839 GTTGTGCAACTGTTGCTACAGCTGTGGAGCA-----GTATGTTCCCTCTGAGAAGCTGA 892
DB 1062 GTTGTGCAACTGTTGCTACAGCTGTGGAGCAAGTATAGTTTCCCTCTGAGAAGCTGA 1121
QY 893 GTATCTATGGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTT 952
DB 1122 GTATCTATGGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTT 1181

Qy 953 CTCTTGTGGTTGTTAGATCTTAAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAA 1012
Db 1182 CTCTTGTGGTTGTTAGATCTTAAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAA 1241
Qy 1013 AAGTGAATCTTGCTCATCTTGAAATTTAAGCATTTTTCTTTTAAAGACAAGTGTAATAG 1072
Db 1242 AAGTGAATCTTGCTCATCTTGAAATTTAAGCATTTTTCTTTTAAAGACAAGTGTAATAG 1301
Qy 1073 ACATCTAAAAATTCACCTCTCATAGAGCTTTTAAATGGTTTCATGGATATAGGCCTTA 1132
Db 1302 ACATCTAAAAATTCACCTCTCATAGAGCTTTTAAATGGTTTCATGGATATAGGCCTTA 1361
Qy 1133 AGAAATCACTATAAATGCAATAAAGTTACTCAAATCTGTG 1174
Db 1362 AGAAATCACTATAAATGCAATAAAGTTACTCAAATCTGTG 1403

RESULT 208
ABS73654
ID ABS73654 standard; cDNA; 1816 BP.
XX
AC ABS73654;
XX
DT 15-JAN-2003 (first entry)
XX
DE Human cDNA #1 for novel secreted protein gene 157.
XX
KW Human; ss; gene; secreted protein; autoimmune disease; chemotaxis;
KW rheumatoid arthritis; hyperproliferative disorder; breast neoplasm;
KW liver neoplasm cardiovascular disorder; cardiac arrest; skin aging;
KW cerebrovascular disorder; cerebral ischaemia; angiogenesis; sunburn;
KW nervous system disorders; Alzheimer's disease; infection;
KW ocular disorder; corneal infection; wound healing; tissue regeneration;
KW epithelial cell proliferation; organ transplantation; food additive;
KW preservative; nutritional.

OS Homo sapiens.
XX
XX
PN US6420526-B1.
XX
PD 16-JUL-2002.
XX
PF 08-SEP-1998; 98US-00149476.
XX
PR 07-MAR-1997; 97US-0038621P.
PR 07-MAR-1997; 97US-0040161P.
PR 07-MAR-1997; 97US-0040162P.
PR 07-MAR-1997; 97US-0040163P.
PR 07-MAR-1997; 97US-0040333P.
PR 07-MAR-1997; 97US-0040334P.
PR 07-MAR-1997; 97US-0040336P.
PR 07-MAR-1997; 97US-0040626P.
PR 11-APR-1997; 97US-0043311P.
PR 11-APR-1997; 97US-0043312P.
PR 11-APR-1997; 97US-0043313P.
PR 11-APR-1997; 97US-0043314P.
PR 11-APR-1997; 97US-0043315P.
PR 11-APR-1997; 97US-0043568P.
PR 11-APR-1997; 97US-0043569P.
PR 11-APR-1997; 97US-0043576P.
PR 11-APR-1997; 97US-0043578P.
PR 11-APR-1997; 97US-0043580P.
PR 11-APR-1997; 97US-0043669P.
PR 11-APR-1997; 97US-0043670P.
PR 11-APR-1997; 97US-0043671P.
PR 11-APR-1997; 97US-0043672P.
PR 11-APR-1997; 97US-0043674P.
PR 23-MAY-1997; 97US-0047492P.
PR 23-MAY-1997; 97US-0047500P.
PR 23-MAY-1997; 97US-0047501P.
PR 23-MAY-1997; 97US-0047502P.
PR 23-MAY-1997; 97US-0047503P.
PR 23-MAY-1997; 97US-0047581P.

PR 23-MAY-1997; 97US-0047582P.
PR 23-MAY-1997; 97US-0047583P.
PR 23-MAY-1997; 97US-0047584P.
PR 23-MAY-1997; 97US-0047585P.
PR 23-MAY-1997; 97US-0047586P.
PR 23-MAY-1997; 97US-0047587P.
PR 23-MAY-1997; 97US-0047588P.
PR 23-MAY-1997; 97US-0047589P.
PR 23-MAY-1997; 97US-0047590P.
PR 23-MAY-1997; 97US-0047592P.
PR 23-MAY-1997; 97US-0047593P.
PR 23-MAY-1997; 97US-0047594P.
PR 23-MAY-1997; 97US-0047595P.
PR 23-MAY-1997; 97US-0047596P.
PR 23-MAY-1997; 97US-0047597P.
PR 23-MAY-1997; 97US-0047598P.
PR 23-MAY-1997; 97US-0047599P.
PR 23-MAY-1997; 97US-0047600P.
PR 23-MAY-1997; 97US-0047601P.
PR 23-MAY-1997; 97US-0047612P.
PR 23-MAY-1997; 97US-0047613P.
PR 23-MAY-1997; 97US-0047614P.
PR 23-MAY-1997; 97US-0047615P.
PR 23-MAY-1997; 97US-0047617P.
PR 23-MAY-1997; 97US-0047618P.
PR 23-MAY-1997; 97US-0047632P.
PR 23-MAY-1997; 97US-0047633P.
PR 06-JUN-1997; 97US-0048964P.
PR 06-JUN-1997; 97US-0048974P.
PR 13-JUN-1997; 97US-0049610P.
PR 08-JUL-1997; 97US-0051926P.
PR 16-JUL-1997; 97US-0052874P.
PR 18-AUG-1997; 97US-0055724P.
PR 22-AUG-1997; 97US-0056630P.
PR 22-AUG-1997; 97US-0056631P.
PR 22-AUG-1997; 97US-0056632P.
PR 22-AUG-1997; 97US-0056636P.
PR 22-AUG-1997; 97US-0056637P.
PR 22-AUG-1997; 97US-0056662P.
PR 22-AUG-1997; 97US-0056664P.
PR 22-AUG-1997; 97US-0056845P.
PR 22-AUG-1997; 97US-0056862P.
PR 22-AUG-1997; 97US-0056864P.
PR 22-AUG-1997; 97US-0056872P.
PR 22-AUG-1997; 97US-0056874P.
PR 22-AUG-1997; 97US-0056875P.
PR 22-AUG-1997; 97US-0056876P.
PR 22-AUG-1997; 97US-0056877P.
PR 22-AUG-1997; 97US-0056878P.
PR 22-AUG-1997; 97US-0056879P.
PR 22-AUG-1997; 97US-0056880P.
PR 22-AUG-1997; 97US-0056881P.
PR 22-AUG-1997; 97US-0056882P.
PR 22-AUG-1997; 97US-0056884P.
PR 22-AUG-1997; 97US-0056886P.
PR 22-AUG-1997; 97US-0056887P.
PR 22-AUG-1997; 97US-0056888P.
PR 22-AUG-1997; 97US-0056889P.
PR 22-AUG-1997; 97US-0056892P.
PR 22-AUG-1997; 97US-0056893P.
PR 22-AUG-1997; 97US-0056894P.
PR 22-AUG-1997; 97US-0056903P.
PR 22-AUG-1997; 97US-0056908P.
PR 22-AUG-1997; 97US-0056909P.
PR 22-AUG-1997; 97US-0056910P.
PR 22-AUG-1997; 97US-0056911P.
PR 05-SEP-1997; 97US-0057650P.
PR 05-SEP-1997; 97US-0057669P.
PR 05-SEP-1997; 97US-0057761P.
PR 12-SEP-1997; 97US-0058785P.
PR 02-OCT-1997; 97US-0061060P.
PR 06-MAR-1998; 98WO-US004493.
XX

PA (HUMA-) HUMAN GENOME SCI INC.

XX Ruben SM, Rosen CA, Fischer CL, Soppet DP, Carter KC;

PI Bednarik DR, Endress GA, Yu G, Ni J, Feng P, Young PE, Greene JM;

PI Ferrie AM, Duan R, Hu J, Florence KA, Olsen HS, Ebner R, Brewer LA;

PI Moore PA, Shi Y, Lafleur DW, Li Y, Zeng Z, Kyaw H;

XX WPI; 2002-634796/68.

DR P-PSDB; ABG95336.

XX

PT New isolated human secreted protein for diagnosing, preventing, treating

PT or ameliorating medical conditions and used as a food additive or

PT preservative.

XX

PS Example 1; SEQ ID NO 167; 129pp; English.

XX

CC The invention relates to an isolated protein that is one of 186 human

CC secreted proteins, given in the specification, encoded by one of 309 cDNA

CC sequences also given in the specification. The protein is used in a

CC pharmaceutical composition used to prevent, treat or ameliorate a medical

CC condition in e.g. humans, mice, rabbits, goats, horses, cats, dogs,

CC chickens or sheep. Disorders which are diagnosed or treated include

CC autoimmune diseases e.g. rheumatoid arthritis, hyperproliferative

CC disorders e.g. neoplasms of the breast or liver, cardiovascular disorders

CC e.g. cardiac arrest, cerebrovascular disorders e.g. cerebral ischaemia,

CC angiogenesis, nervous system disorders e.g. Alzheimer's disease,

CC infections caused by bacteria, viruses and fungi and ocular disorders

CC e.g. corneal infection. The polypeptides can also be used to aid wound

CC healing and epithelial cell proliferation, to prevent skin aging due to

CC sunburn, to maintain organs before transplantation, for supporting cell

CC culture of primary tissues, to regenerate tissues and in chemotaxis. The

CC polypeptides can also be used as a food additive or preservative to

CC increase or decrease storage capabilities, fat content, lipid, protein,

CC carbohydrate, vitamins, minerals, cofactors and other nutritional

CC components. The present sequence represents a cDNA derived from a gene

CC encoding one of the novel human secreted proteins of the invention. Note:

CC This sequence did not form part of the printed specification, but was

CC obtained in electronic format directly from USPTO at

CC seqdata.uspto.gov/sequence.html?DocID=6420526B1

XX

SQ Sequence 1816 BP; 496 A; 371 C; 427 G; 478 T; 0 U; 44 Other;

Query Match 89.4%; Score 1049; DB 6; Length 1816;

Best Local Similarity 94.7%; Pred. No. 1.1e-294;

Matches 1119; Conservative 11; Mismatches 37; Indels 15; Gaps 4;

QY 8 GTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAGGGAACA 67

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 222 GAGGAGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAGGGAACA 281

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 68 AGATGGCGCGCGGAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCGCGCTGC 127

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 282 AGATGGCGCGCGGAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCGCGCTGC 341

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 128 TGCTGTGACCATGGCCCTTGCCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCATTTGACT 187

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 342 TGCTGTGACCATGGCCCTTGCCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCATTTGACT 401

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 188 CGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAAGTTGACCTACCCCTTGACCA 247

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 402 CGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAAGTTGACCTACCCCTTGACCA 461

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 248 CCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAGAGGTTGCAGGCTGTTTCAATTT 307

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 462 CCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAGAGGTTGCAGGCTGTTTCAATTT 521

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 308 GTCAGTTTGTGGATGATGGAATTGACTTAAATCGAATTAATGGAATGTGAATCTGCAT 367

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 522 GTCAGTTTGTGGATGATGGAATTGACTTAAATCGAATTAATGGAATGTGAATCTGCAT 581

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 368 GTACAGAAGCATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGCCAGAATC 427

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 582 GTACAGAAGCATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGGKTGCCAGAATC 641

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 428 AGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCTCGATGCCAAAATGCACC 487

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 642 AGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCTCGATGCCAAAATGCACC 701

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 488 TACTCTTTCCCTCTAACTCTGGTGGGTCATTTCTGGAGTGACATGATGACTCCGCACAGA 547

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 702 TACTCTTTCCCTCTAACTCTGGTGGGTCATTTCTGGAGTGACATGATGACTCCGCACAGA 761

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 548 GCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATAGTTATAT 607

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 762 GCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATAGTTATAT 821

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 608 TCCAGTCTAAGCC---AGAAATCCAGTACGCACCACTTTTGGAGC---AGGAGCCTACAA 661

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 822 TCCRGTTCTAAGCCAGRAATCCCAGGTACGCACCACTTTGGAGCCAGGAGCCCTACCAA 881

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 662 ATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCT--GCAATGAGAAATTCACAAG 718

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 882 ATTTGRGRGRAWCMCTCTAAGCAAAATGTCCTCAKMTGCGMAATGAGAAATTCACAAG 941

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 719 CGCACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTA 778

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 942 CGCACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTA 1001

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 779 ACTCTGGGTGGATTTTAACTACAACCTCTCTCTCTCGGTGATGGTATGCTTTGGATTT 838

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 1002 ACTCTGGGTGGATTTTAACTACAACCTCTCTCTCTCGGTGATGGTATGCTTTGGATTT 1061

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 839 GTTGTGCAACTGTTGCTACAGCTGTGGAGCA-----GTATGTTCCCTCTGAGAAAGCTGA 892

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 1062 GTTGTGCAACTGTTGCTACAGCTGTTGGAGCAGTATAGTTTCCCTCTGAGAAAGCTGA 1121

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 893 GTATCTATGGTGGACTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGTTCTT 952

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 1122 GTATCTATGGTGGACTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGTTCTT 1181

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 953 CTCTTGTGGTTGTTAGATCTAAACCTGAAGATCATGAAGAAGCAGGGCTCTTACCTACAA 1012

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 1182 CTCTTGTGGTTGTTAGATCTAAACCTGAAGATCATGAAGAAGCAGGGCTCTTACCTACAA 1241

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 1013 AAGTGAATCTTGCTCACTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAG 1072

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 1242 AAGTGAATCTTGCTCACTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAG 1301

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 1073 ACATCTAAATTCCTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCTTA 1132

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 1302 ACATCTAAATTCCTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCTTA 1361

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 1133 AGAAATCACTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DB 1362 AGAAATCACTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1403

DB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

RESULT 209

ID ACD82797 standard; cDNA; 1816 BP.

XX ACD82797;

AC ACD82797;

XX 22-SEP-2003 (first entry)

cDNA sequence #157 containing coding region of a human secreted protein.

Human; secreted protein; hyperproliferative disorder; leukaemia;
breast cancer; wound; reproductive disorder; blood-related disorder;
haemophilia; thrombocytopenia; immunodeficiency; thymic hypoplasia;
Wiskott-Aldrich syndrome; autoimmune disorder; multiple sclerosis;
graft-versus-host disease; Hashimoto's thyroiditis; allergy; asthma;
viral infection; bacterial infection; fungal infection; AIDS; sepsis;
renal disorder; kidney failure; cardiovascular disorder; cytostatic;
angina pectoris; cerebral ischaemia; congenital heart defect;
respiratory disorder; neurological disorder; Alzheimer's disease;

KW Parkinson's disease; inflammation; Crohn's disease; vulneryary;
KW immunosuppressive; antibacterial; haemostatic; thrombolytic;
KW anticoagulant; neuroprotective; thyromimetic; antiallergic;
KW antiasthmatic; virucide; fungicide; anti-HIV; nephrotropic; antianginal;
KW cerebroprotective; cardiant; nootropic; antiparkinsonian;
KW antiinflammatory; gene; ss.

XX OS Homo sapiens.
XX
PN US2003049618-A1.
XX

PD 13-MAR-2003.
XX
PF 16-MAR-2001; 2001US-00809391.
XX

PR 07-MAR-1997; 97US-0038621P.
PR 07-MAR-1997; 97US-0040162P.
PR 07-MAR-1997; 97US-0040163P.
PR 07-MAR-1997; 97US-0040333P.
PR 07-MAR-1997; 97US-0040334P.
PR 07-MAR-1997; 97US-0040336P.
PR 07-MAR-1997; 97US-0040626P.
PR 11-APR-1997; 97US-0043311P.
PR 11-APR-1997; 97US-0043312P.
PR 11-APR-1997; 97US-0043313P.
PR 11-APR-1997; 97US-0043314P.
PR 11-APR-1997; 97US-0043315P.
PR 11-APR-1997; 97US-0043568P.
PR 11-APR-1997; 97US-0043569P.
PR 11-APR-1997; 97US-0043576P.
PR 11-APR-1997; 97US-0043578P.
PR 11-APR-1997; 97US-0043580P.
PR 11-APR-1997; 97US-0043669P.
PR 11-APR-1997; 97US-0043670P.
PR 11-APR-1997; 97US-0043671P.
PR 11-APR-1997; 97US-0043672P.
PR 11-APR-1997; 97US-0043674P.
PR 23-MAY-1997; 97US-0047492P.
PR 23-MAY-1997; 97US-0047500P.
PR 23-MAY-1997; 97US-0047501P.
PR 23-MAY-1997; 97US-0047502P.
PR 23-MAY-1997; 97US-0047503P.
PR 23-MAY-1997; 97US-0047581P.
PR 23-MAY-1997; 97US-0047582P.
PR 23-MAY-1997; 97US-0047583P.
PR 23-MAY-1997; 97US-0047584P.
PR 23-MAY-1997; 97US-0047585P.
PR 23-MAY-1997; 97US-0047586P.
PR 23-MAY-1997; 97US-0047587P.
PR 23-MAY-1997; 97US-0047588P.
PR 23-MAY-1997; 97US-0047589P.
PR 23-MAY-1997; 97US-0047590P.
PR 23-MAY-1997; 97US-0047592P.
PR 23-MAY-1997; 97US-0047593P.
PR 23-MAY-1997; 97US-0047594P.
PR 23-MAY-1997; 97US-0047595P.
PR 23-MAY-1997; 97US-0047596P.
PR 23-MAY-1997; 97US-0047597P.
PR 23-MAY-1997; 97US-0047598P.
PR 23-MAY-1997; 97US-0047599P.
PR 23-MAY-1997; 97US-0047600P.
PR 23-MAY-1997; 97US-0047601P.
PR 23-MAY-1997; 97US-0047612P.
PR 23-MAY-1997; 97US-0047613P.
PR 23-MAY-1997; 97US-0047614P.
PR 23-MAY-1997; 97US-0047615P.
PR 23-MAY-1997; 97US-0047616P.
PR 23-MAY-1997; 97US-0047617P.
PR 23-MAY-1997; 97US-0047618P.
PR 23-MAY-1997; 97US-0047632P.
PR 23-MAY-1997; 97US-0047633P.
PR 06-JUN-1997; 97US-0048964P.
PR 06-JUN-1997; 97US-0048974P.
PR 13-JUN-1997; 97US-0049610P.

PR 08-JUL-1997; 97US-0051926P.
PR 16-JUL-1997; 97US-0052874P.
PR 18-AUG-1997; 97US-0055724P.
PR 22-AUG-1997; 97US-0056630P.
PR 22-AUG-1997; 97US-0056631P.
PR 22-AUG-1997; 97US-0056632P.
PR 22-AUG-1997; 97US-0056636P.
PR 22-AUG-1997; 97US-0056637P.
PR 22-AUG-1997; 97US-0056662P.
PR 22-AUG-1997; 97US-0056664P.
PR 22-AUG-1997; 97US-0056845P.
PR 22-AUG-1997; 97US-0056862P.
PR 22-AUG-1997; 97US-0056864P.
PR 22-AUG-1997; 97US-0056872P.
PR 22-AUG-1997; 97US-0056874P.
PR 22-AUG-1997; 97US-0056875P.
PR 22-AUG-1997; 97US-0056876P.
PR 22-AUG-1997; 97US-0056877P.
PR 22-AUG-1997; 97US-0056878P.
PR 22-AUG-1997; 97US-0056879P.
PR 22-AUG-1997; 97US-0056880P.
PR 22-AUG-1997; 97US-0056881P.
PR 22-AUG-1997; 97US-0056882P.
PR 22-AUG-1997; 97US-0056884P.
PR 22-AUG-1997; 97US-0056886P.
PR 22-AUG-1997; 97US-0056887P.
PR 22-AUG-1997; 97US-0056888P.
PR 22-AUG-1997; 97US-0056889P.
PR 22-AUG-1997; 97US-0056892P.
PR 22-AUG-1997; 97US-0056893P.
PR 22-AUG-1997; 97US-0056894P.
PR 22-AUG-1997; 97US-0056903P.
PR 22-AUG-1997; 97US-0056908P.
PR 22-AUG-1997; 97US-0056909P.
PR 22-AUG-1997; 97US-0056910P.
PR 22-AUG-1997; 97US-0056911P.
PR 05-SEP-1997; 97US-0057650P.
PR 05-SEP-1997; 97US-0057669P.
PR 05-SEP-1997; 97US-0057761P.
PR 12-SEP-1997; 97US-0058785P.
PR 09-OCT-1997; 97US-0061660P.
PR 06-MAR-1998; 98WO-US004493.
PR 08-SEP-1998; 98US-00149476.
PR 17-MAR-2000; 2000US-0190068P.

XX
PA (RUBE/) RUBEN S M.
PA (ROSE/) ROSEN C A.
PA (SOPP/) SOPPET D R.
PA (CART/) CARTER K C.
PA (BEDN/) BEDNARIK D P.
PA (ENDR/) ENDRESS G A.
PA (YUGG/) YU G.
PA (NIJJ/) NI J.
PA (FENG/) FENG P.
PA (YOUN/) YOUNG P E.
PA (GREE/) GREENE J M.
PA (FERR/) FERRIE A M.
PA (DUAN/) DUAN D R.
PA (HUJJ/) HU J.
PA (FLOR/) FLORENCE K A.
PA (OLSE/) OLSEN H S.
PA (FISC/) FISCHER C L.
PA (EBNE/) EBNER R.
PA (BREW/) BREWER L A.
PA (MOOR/) MOORE P A.
PA (SHIY/) SHI Y.
PA (LAFI/) LAFLEUR D W.
PA (LIYY/) LI Y.
PA (ZENG/) ZENG Z.
PA (KYAW/) KYAW H.

XX Ruben SM, Rosen CA, Soppet DR, Carter KC, Bednarik DP;
PI Endress GA, Yu G, Ni J, Feng P, Young PE, Greene JM, Ferrie AM;

PI Duan DR, Hu J, Florence KA, Olsen HS, Fischer CL, Ebner R;
PI Brewer LA, Moore PA, Shi Y, Lafleur DW, Li Y, Zeng Z, Kyaw H;
XX MPI; 2003-521800/49.
DR P-PSDB; ABO34530.
DR
XX
PT New genes and its encoded prostate cancer antigen proteins, useful for
PT preventing, treating, ameliorating or diagnosing e.g. prostate cancers,
PT thymic hypoplasia, multiple sclerosis, AIDS, angina pectoris or cerebral
PT ischemia.
XX
PS Claim 4; SEQ ID NO 167; 260pp; English.
XX
CC The present invention relates to the isolation of novel human secreted
CC proteins and the polynucleotide sequences encoding them. The invention
CC also discloses vectors, host cells, antibodies, and recombinant methods
CC for producing human secreted proteins. The polypeptide and polynucleotide
CC sequences for the secreted proteins are useful for preventing, treating,
CC ameliorating or diagnosing medical conditions such as hyperproliferative
CC disorders (e.g. leukemia or breast cancers), wounds, reproductive
CC disorders, blood-related disorders (e.g. haemophilia or
CC thrombocytopenia), immunodeficiencies (e.g. Wiskott-Aldrich syndrome or
CC thymic hypoplasia), autoimmune disorders (e.g. graft-versus-host disease,
CC multiple sclerosis or Hashimoto's thyroiditis), allergies (e.g. asthma),
CC viral or bacterial or fungal infections (e.g. AIDS or sepsis), renal
CC disorders (e.g. kidney failure), cardiovascular disorders (e.g. angina
CC pectoris, cerebral ischaemia or congenital heart defects), respiratory
CC disorders, neurological disorders (e.g. Alzheimer's disease or
CC Parkinson's disease), and inflammations (e.g. Crohn's disease). The
CC polynucleotide or polypeptide may also be used as vaccine adjuvants.
CC ACD82641-ACD82950 encode human secreted proteins or their fragments.
CC Note: The sequence data for this patent did not form part of the printed
CC specification, but was obtained in electronic format directly from the
CC USPTO web site at seqdata.uspto.gov/psipsDIDEntry.html
XX
SQ Sequence 1816 BP; 496 A; 371 C; 427 G; 478 T; 0 U; 44 Other;

Query Match 89.4%; Score 1049; DB 8; Length 1816;
Best Local Similarity 94.7%; Pred. No. 1.1e-294;
Matches 1119; Conservative 11; Mismatches 37; Indels 15; Gaps 4;

Qy 8 GTGGGGGAAACCCCTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAGGGGAACA 67
Db 222 GAGGAGGAAACCCCTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAGGGGAACA 281
Qy 68 AGATGGCGGCGCGGAGGAGCCTCTGGGTGAGGACCCAACTGGGCTCCCGCGCTGC 127
Db 282 AGATGGCGGCGCGGAGGAGCCTCTGGGTGAGGACCCAACTGGGCTCCCGCGCTGC 341
Qy 128 TGCTGCTGACCATGGCCTTGGCGGAGGTTCCGGGACCGCTTCGGTGAAGCATTTGACT 187
Db 342 TGCTGCTGACCATGGCCTTGGCGGAGGTTCCGGGACCGCTTCGGTGAAGCATTTGACT 401
Qy 188 CGGTCTTGGGTGATACGGCGTCTTGGCCACCGGCGCTGTCAAGTTGACCTACCCCTTGCA 247
Db 402 CGGTCTTGGGTGATACGGCGTCTTGGCCACCGGCGCTGTCAAGTTGACCTACCCCTTGCA 461
Qy 248 CCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTTGAGGCTGTTTCAATTT 307
Db 462 CCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTTGAGGCTGTTTCAATTT 521
Qy 308 GTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAATCTGCAT 367
Db 522 GTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAATCTGCAT 581
Qy 368 GTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGCCAGATC 427
Db 582 GTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGCCAGATC 641
Qy 428 AGCTGCCATTGCTGAACTGAGACAAGAACTTATGTCCTGATGCCAAATGCAACC 487
Db 642 AGCTGCCATTGCTGAACTGAGACAAGAACTTATGTCCTGATGCCAAATGCAACC 701

Qy 488 TACTCTTTCTCTAACTCTGGTGGGTGAGTCAATCTGGAGTGACATGATGAGTCCGCACAGA 547
Db 702 TACTCTTTCTCTAACTCTGGTGGGTGAGTCAATCTGGAGTGACATGATGAGTCCGCACAGA 761
Qy 548 GCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAAGTTATAT 607
Db 762 GCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAAGTTATAT 821
Qy 608 TCCAGTCTAAGCC--AGAAATCCAGTACGACCAACATTTGGAGC--AGGAGCCCTACAA 661
Db 822 TCCRGCTAAGCCAGRAATCCAGGTACGCCACCAATTTGGAGCCAGGAGCCCTACCAA 881
Qy 662 ATTTGAGAGATCATCTCTAAGCAAAATGTCTATCT--GCAATGAGAAATTCACAAG 718
Db 882 ATTTGRRGRGAWCTCTCTAAGCAAAATGTCCNTCAKMTCSMAATGAGAAATTCACAAG 941
Qy 719 CGCACAGGAATTTCTTGAAGATGGAGAAAGTGTGGCTTTTAAAGATGCCTCTCTCTTA 778
Db 942 CGCACAGGAATTTCTTGAAGATGGAGAAAGTGTGGCTTTTAAAGATGCCTCTCTCTTA 1001
Qy 779 ACTCTGGGTGGATTTTAACTACAATCTTGTCTCTCGGTGATGGTATTGCTTTGGATTT 838
Db 1002 ACTCTGGGTGGATTTTAACTACAATCTTGTCTCTCGGTGATGGTATTGCTTTGGATTT 1061
Qy 839 GTTGTGCACTGTTGCTACAGCTGTGGAGCA-----GTATGTTCCCTCTGAGAACTGA 892
Db 1062 GTTGTGCACTGTTGCTACAGCTGTGGAGCAATAGTTTCCCTCTGAGAACTGA 1121
Qy 893 GTATCTATGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTT 952
Db 1122 GTATCTATGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTT 1181
Qy 953 CTCTTGTGTTGTAGATCTAAACTGAAGATCATGAAGAAAGCAGGGCCTCTACCTACAA 1012
Db 1182 CTCTTGTGTTGTAGATCTAAACTGAAGATCATGAAGAAAGCAGGGCCTCTACCTACAA 1241
Qy 1013 AAGTGAATCTTGCTCATTTCTGAATTTAAGCAATTTTCTTTTAAAGACAAAGTGAATAG 1072
Db 1242 AAGTGAATCTTGCTCATTTCTGAATTTAAGCAATTTTCTTTTAAAGACAAAGTGAATAG 1301
Qy 1073 ACATCTAAATTCACCTCCTCATAGAGCTTTTAAATGGTTCATTTGGATATAGGCCTTA 1132
Db 1302 ACATCTAAATTCACCTCCTCATAGAGCTTTTAAATGGTTCATTTGGATATAGGCCTTA 1361
Qy 1133 AGAAATCACTATAAAATGCAATAAAAGTTACTCAAAATCTGTG 1174
Db 1362 AGAAATCACTATAAAATGCAATAAAAGTTACTCAAAATCTGTG 1403

RESULT 210
AAZ90041

ID AAZ90041 standard; cDNA; 969 BP.

XX AAZ90041;

AC AAZ90041;

XX 09-MAY-2000 (first entry)

DT 09-MAY-2000 (first entry)

XX Hydrophobic domain containing protein clone HP10349 coding sequence.

DE Hydrophobic domain; clone HP10349; nutritional supplement; SCID; HIV;

XX cell proliferation; immune stimulant; immune deficiency; tumour; pain;

XX rheumatoid arthritis; insulin dependent diabetes mellitus; fertility;

XX myasthenia gravis; haematopoiesis regulator; tissue growth; depression;

XX anti-inflammatory; infection; bodily characteristic; ss.

OS Homo sapiens.

XX WO200000506-A2.

XX 06-JAN-2000.

XX 18-JUN-1999; 99WO-JP003242.

XX

PR 26-JUN-1998; 98JP-00180008.
XX (SAGA) SAGAMI CHEM RES CENT.
PA (PROT-) PROTEGENE INC.
XX Kato S, Kimura T;
PI WPI; 2000-160665/14.
XX P-PSDB; AAY78804.
DR Novel human proteins having hydrophobic domains used for research and
XX diagnostic purposes.
PT Claim 3; Page 85-86; 117pp; English.
PS This sequence represents the hydrophobic domain containing protein, clone
XX HP10349 coding region. The sequence is isolated from a human stomach
CC cancer cell line. The invention relates to human proteins with
CC hydrophobic domains, the DNA and the cDNA encoding them. The
CC polynucleotides and proteins are predicted to have biological activities
CC which make them suitable for treating, preventing or ameliorating medical
CC conditions in humans and animals. Suggested activities include
CC nutritional activity (nutritional source or supplement); cytokine and
CC cell proliferation/differentiation activity; immune stimulating (e.g. as
CC vaccines) or suppressing activity (e.g. to treat various immune
CC deficiencies such as SCIDS or HIV, connective tissue disease, systemic
CC lupus erythematosus, rheumatoid arthritis, autoimmune pulmonary
CC inflammation, Guillain-Barre syndrome, autoimmune thyroiditis, insulin
CC dependent diabetes mellitus, myasthenia gravis, graft-versus-host disease
CC and autoimmune inflammatory eye disease, as well as asthma, allergies and
CC organ transplantation); haematopoiesis regulating activity (e.g. in
CC treatment of myeloid or lymphoid cell deficiencies); tissue growth
CC activity (e.g. wound healing and tissue repair, ulcers, burns,
CC periodontal disease); activin/inhibin activity; chemotactic/chemokinetic
CC activity; haemostatic and thrombolytic activity (e.g. treating
CC haemophilias); receptor/ligand activity; anti-inflammatory activity; and
CC tumour inhibition activity. The polynucleotides are also stated to be
CC useful for gene therapy. Other activities include inhibiting infections
CC caused by bacteria, fungi, viruses and other parasites (e.g. Hepatitis,
CC malaria); effecting bodily characteristics such as, e.g. weight, colour,
CC skin, effecting biorhythms or cardiac cycles; enhancing fertility;
CC treatment of depression; treatment of pain; hormonal or endocrine
CC activity. The polynucleotides may also be used for recombinant expression
CC of the protein
XX
SQ Sequence 969 BP; 251 A; 213 C; 233 G; 272 T; 0 U; 0 Other;

Query Match 82.5%; Score 969; DB 3; Length 969;
Best Local Similarity 100.0%; Pred. No. 1.6e-271;
Matches 969; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 70 ATGGCGGCGCGAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCGCGCTGTG 129
DB 1 ATGGCGGCGCGAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCGCGCTGTG 60
QY 130 CTGCTGACCATGGCCCTTGGCCCGGAGGTTTCGGGGACCGCTTCGGGTGAAGCATTTGACTCG 189
DB 61 CTGCTGACCATGGCCCTTGGCCCGGAGGTTTCGGGGACCGCTTCGGGTGAAGCATTTGACTCG 120
QY 190 GTCTTGGGTGATACGGCGCTCTTGGCCACCGGGCTGTTCAGTTGACCTACCCCTTGCACACC 249
DB 121 GTCTTGGGTGATACGGCGCTCTTGGCCACCGGGCTGTTCAGTTGACCTACCCCTTGCACACC 180
QY 250 TACCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTTCAATTGT 309
DB 181 TACCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTTCAATTGT 240
QY 310 CAGTTTGTGGATGATGGAAATTGACTTAAATCGAACTAAATTGGATGTGAATCTGCATGT 369
DB 241 CAGTTTGTGGATGATGGAAATTGACTTAAATCGAACTAAATTGGATGTGAATCTGCATGT 300
QY 370 ACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGGCTGCCATCTTGGTGGCAGAAATCAG 429

Db 301 ACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTGGCAGAATCAG 360
QY 430 CTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAAATGCACCTA 489
DB 361 CTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAAATGCACCTA 420
QY 490 CTCTTCTCTTAACCTCTGGTGAGGTCAATCTTGGAGTGACATGATGGACTCCGCACAGAGC 549
DB 421 CTCTTCTCTTAACCTCTGGTGAGGTCAATCTTGGAGTGACATGATGGACTCCGCACAGAGC 480
QY 550 TTCATAAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATAGTTATATTC 609
DB 481 TTCATAAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATAGTTATATTC 540
QY 610 CAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACAAATTTGAGA 669
DB 541 CAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACAAATTTGAGA 600
QY 670 GAATCATCTCTAAGCAAAATGTCTTATCTGCAAAATGAGAAATTCACAGCGCACAGGAAT 729
DB 601 GAATCATCTCTAAGCAAAATGTCTTATCTGCAAAATGAGAAATTCACAGCGCACAGGAAT 660
QY 730 TTTTCTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCCTCTCTTAACTCTGGGTGG 789
DB 661 TTTTCTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCCTCTCTTAACTCTGGGTGG 720
QY 790 ATTTTAACTACAACCTCTTCTCCTCTCGGTGATGGTATTTGGATTGTGTGCAACT 849
DB 721 ATTTTAACTACAACCTCTTCTCCTCTCGGTGATGGTATTTGGATTGTGTGCAACT 780
QY 850 GTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGAGCTGAGTATCTATGGTGACTTG 909
DB 781 GTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGAGCTGAGTATCTATGGTGACTTG 840
QY 910 GAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTTGGTGGTTTGA 969
DB 841 GAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTTGGTGGTTTGA 900
QY 970 TCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAATCTTGCTCAT 1029
DB 901 TCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAATCTTGCTCAT 960
QY 1030 TCTGAAATT 1038
DB 961 TCTGAAATT 969

Search completed: June 15, 2004, 03:53:28
Job time : 588 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 15, 2004, 05:14:27 ; Search time 1546 Seconds
(without alignments)
3466.191 Million cell updates/sec

Title: US-09-978-299A-329
Perfect score: 1174
Sequence: 1 cggacgcgtgggggaacc.....taaagtactcaaatctgtg 1174

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 2998549 seqs, 2282253817 residues

Total number of hits satisfying chosen parameters: 545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%
Maximum Match 100%
Listing first 65000 summaries

Database : Published Applications_NA:*
1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*
2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq:*
5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq:*
6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*
7: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*
8: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
9: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*
10: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*
11: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
12: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq:*
13: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq2:*
14: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*
15: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
16: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
17: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
18: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*
19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	1174	100.0	1174	9	US-09-978-299A-329
2	1174	100.0	1174	9	US-09-978-697-329
3	1174	100.0	1174	9	US-09-978-192A-329
4	1174	100.0	1174	9	US-09-999-832A-329
5	1174	100.0	1174	10	US-09-978-189-329
6	1174	100.0	1174	10	US-09-978-608A-329
7	1174	100.0	1174	10	US-09-978-585A-329
8	1174	100.0	1174	10	US-09-978-191A-329
9	1174	100.0	1174	10	US-09-978-403A-329
10	1174	100.0	1174	10	US-09-978-564A-329
11	1174	100.0	1174	10	US-09-999-833A-329
12	1174	100.0	1174	10	US-09-981-915A-329
13	1174	100.0	1174	10	US-09-978-824-329
14	1174	100.0	1174	10	US-09-918-585A-329
15	1174	100.0	1174	10	US-09-978-423A-329
16	1174	100.0	1174	10	US-09-978-193A-329
17	1174	100.0	1174	10	US-09-999-830A-329
18	1174	100.0	1174	10	US-09-978-757A-329
19	1174	100.0	1174	10	US-09-978-187B-329
20	1174	100.0	1174	10	US-09-978-643A-329
21	1174	100.0	1174	10	US-09-978-375A-329
22	1174	100.0	1174	10	US-09-978-298A-329
23	1174	100.0	1174	10	US-09-978-188A-329
24	1174	100.0	1174	10	US-09-978-681A-329
25	1174	100.0	1174	10	US-09-978-194A-329
26	1174	100.0	1174	10	US-09-999-829A-329
27	1174	100.0	1174	10	US-09-978-299A-329
28	1174	100.0	1174	10	US-09-978-544A-329
29	1174	100.0	1174	10	US-09-978-665A-329
30	1174	100.0	1174	10	US-09-978-802A-329
31	1174	100.0	1174	13	US-10-147-493-271
32	1174	100.0	1174	13	US-10-164-749A-329
33	1174	100.0	1174	13	US-10-145-127-271
34	1174	100.0	1174	13	US-10-160-503-271
35	1174	100.0	1174	13	US-10-143-118-271
36	1174	100.0	1174	13	US-10-144-993-271
37	1174	100.0	1174	13	US-10-158-787-271
38	1174	100.0	1174	13	US-10-081-056-7
39	1174	100.0	1174	13	US-09-999-831A-329
40	1174	100.0	1174	13	US-10-140-024-271
41	1174	100.0	1174	13	US-10-013-917A-329
42	1174	100.0	1174	13	US-10-140-808-271
43	1174	100.0	1174	13	US-09-999-834A-329
44	1174	100.0	1174	13	US-10-152-405-271
45	1174	100.0	1174	13	US-10-162-521A-329
46	1174	100.0	1174	13	US-10-127-852A-271
47	1174	100.0	1174	13	US-10-127-900A-271
48	1174	100.0	1174	13	US-10-128-685A-271
49	1174	100.0	1174	13	US-10-131-820A-271
50	1174	100.0	1174	13	US-10-142-886-271
51	1174	100.0	1174	13	US-10-145-016A-329
52	1174	100.0	1174	13	US-10-145-088A-329
53	1174	100.0	1174	13	US-10-145-092A-329
54	1174	100.0	1174	13	US-10-145-129A-329
55	1174	100.0	1174	13	US-10-146-728-271
56	1174	100.0	1174	13	US-10-146-786-271
57	1174	100.0	1174	13	US-10-147-499-271
58	1174	100.0	1174	13	US-10-157-798-271
59	1174	100.0	1174	13	US-10-165-038A-329
60	1174	100.0	1174	13	US-10-165-353A-329
61	1174	100.0	1174	13	US-10-167-600-329
62	1174	100.0	1174	13	US-10-170-481A-329
63	1174	100.0	1174	13	US-10-172-039A-329
64	1174	100.0	1174	13	US-10-210-028-329
65	1174	100.0	1174	13	US-10-305-654-7
66	1174	100.0	1174	15	US-10-028-072-271
67	1174	100.0	1174	15	US-10-121-049-271
68	1174	100.0	1174	15	US-10-123-904-271
69	1174	100.0	1174	15	US-10-140-470-271
70	1174	100.0	1174	15	US-10-175-746-271
71	1174	100.0	1174	15	US-10-176-918-271
72	1174	100.0	1174	15	US-10-176-921-271
73	1174	100.0	1174	15	US-10-137-865-271
74	1174	100.0	1174	15	US-10-140-474-271
75	1174	100.0	1174	15	US-10-142-431-271
76	1174	100.0	1174	15	US-10-143-114-271
77	1174	100.0	1174	15	US-10-140-002-271
78	1174	100.0	1174	15	US-10-142-419-271
79	1174	100.0	1174	15	US-10-017-081A-329
80	1174	100.0	1174	15	US-10-123-262-271
81	1174	100.0	1174	15	US-10-142-423-271
82	1174	100.0	1174	15	US-10-121-050-271
83	1174	100.0	1174	15	US-10-141-755-271
84	1174	100.0	1174	15	US-10-167-749-329
85	1174	100.0	1174	15	US-10-143-032-271
86	1174	100.0	1174	15	US-10-013-921A-329
87	1174	100.0	1174	15	US-10-123-108-271

234	1174	100.0	1174	15	US-10-142-432-271
235	1174	100.0	1174	15	US-10-142-767-271
236	1174	100.0	1174	15	US-10-143-033-271
237	1174	100.0	1174	15	US-10-144-994-271
238	1174	100.0	1174	15	US-10-145-628-271
239	1174	100.0	1174	15	US-10-145-746-271
240	1174	100.0	1174	15	US-10-145-748-271
241	1174	100.0	1174	15	US-10-145-823-271
242	1174	100.0	1174	15	US-10-145-826-271
243	1174	100.0	1174	15	US-10-145-870-271
244	1174	100.0	1174	15	US-10-145-876-271
245	1174	100.0	1174	15	US-10-145-959-271
246	1174	100.0	1174	15	US-10-146-724-271
247	1174	100.0	1174	15	US-10-146-725-271
248	1174	100.0	1174	15	US-10-146-795-271
249	1174	100.0	1174	15	US-10-147-495-271
250	1174	100.0	1174	15	US-10-147-501-271
251	1174	100.0	1174	15	US-10-147-504-271
252	1174	100.0	1174	15	US-10-147-506-271
253	1174	100.0	1174	15	US-10-147-509-271
254	1174	100.0	1174	15	US-10-147-510-271
255	1174	100.0	1174	15	US-10-147-511-271
256	1174	100.0	1174	15	US-10-147-529-271
257	1174	100.0	1174	15	US-10-152-397-271
258	1174	100.0	1174	15	US-10-153-586-271
259	1174	100.0	1174	15	US-10-158-786-271
260	1174	100.0	1174	15	US-10-143-031A-329
261	1174	100.0	1174	15	US-10-137-870-271
262	1174	100.0	1174	15	US-10-140-018-271
263	1174	100.0	1174	15	US-10-140-021-271
264	1174	100.0	1174	15	US-10-140-471-271
265	1174	100.0	1174	15	US-10-140-922-271
266	1174	100.0	1174	15	US-10-145-631-271
267	1174	100.0	1174	15	US-10-145-633-271
268	1174	100.0	1174	15	US-10-158-783-271
269	1174	100.0	1174	15	US-10-140-274-271
270	1174	100.0	1174	15	US-10-143-030A-329
271	1174	100.0	1174	15	US-10-002-967A-329
272	1174	100.0	1174	15	US-10-017-083A-329
273	1174	100.0	1174	15	US-10-140-019-271
274	1174	100.0	1174	15	US-10-140-022-271
275	1174	100.0	1174	15	US-10-140-861-271
276	1174	100.0	1174	15	US-10-140-862-271
277	1174	100.0	1174	15	US-10-141-697-271
278	1174	100.0	1174	15	US-10-141-700-271
279	1174	100.0	1174	15	US-10-141-705-271
280	1174	100.0	1174	15	US-10-141-753-271
281	1174	100.0	1174	15	US-10-141-758-271
282	1174	100.0	1174	15	US-10-142-418-271
283	1174	100.0	1174	15	US-10-142-420-271
284	1174	100.0	1174	15	US-10-142-422-271
285	1174	100.0	1174	15	US-10-142-427-271
286	1174	100.0	1174	15	US-10-142-760-271
287	1174	100.0	1174	15	US-10-145-821-271
288	1174	100.0	1174	15	US-10-152-531-271
289	1174	100.0	1174	15	US-10-127-840A-271
290	1174	100.0	1174	15	US-10-142-424-271
291	1174	100.0	1174	15	US-10-142-761-271
292	1174	100.0	1174	15	US-10-142-763-271
293	1174	100.0	1174	15	US-10-142-765-271
294	1174	100.0	1174	15	US-10-142-887-271
295	1174	100.0	1174	15	US-10-142-888-271
296	1174	100.0	1174	15	US-10-143-034-271
297	1174	100.0	1174	15	US-10-143-116-271
298	1174	100.0	1174	15	US-10-143-117-271
299	1174	100.0	1174	15	US-10-144-957-271
300	1174	100.0	1174	15	US-10-144-992-271
301	1174	100.0	1174	15	US-10-145-015-271
302	1174	100.0	1174	15	US-10-145-090-271
303	1174	100.0	1174	15	US-10-145-091-271
304	1174	100.0	1174	15	US-10-145-128A-329
305	1174	100.0	1174	15	US-10-145-629-271
306	1174	100.0	1174	15	US-10-145-630-271

[illegible]

380	1174	100.0	1174	100.0	1174	15	US-10-146-789-271	Sequence 271, App
381	1174	100.0	1174	100.0	1174	15	US-10-147-483-271	Sequence 271, App
382	1174	100.0	1174	100.0	1174	15	US-10-147-496-271	Sequence 271, App
383	1174	100.0	1174	100.0	1174	15	US-10-147-505-271	Sequence 271, App
384	1174	100.0	1174	100.0	1174	15	US-10-147-516-271	Sequence 271, App
385	1174	100.0	1174	100.0	1174	15	US-10-152-398-271	Sequence 271, App
386	1174	100.0	1174	100.0	1174	15	US-10-139-980-271	Sequence 271, App
387	1174	100.0	1174	100.0	1174	15	US-10-165-067A-329	Sequence 329, App
388	1174	100.0	1174	100.0	1174	15	US-10-145-017A-329	Sequence 329, App
389	1174	100.0	1174	100.0	1174	15	US-10-145-750-271	Sequence 271, App
390	1174	100.0	1174	100.0	1174	15	US-10-152-373-271	Sequence 271, App
391	1174	100.0	1174	100.0	1174	15	US-10-164-728A-329	Sequence 329, App
392	1174	100.0	1174	100.0	1174	15	US-10-223-081-7	Sequence 7, Appli
393	1174	100.0	1174	100.0	1174	15	US-10-013-926A-329	Sequence 329, App
394	1174	100.0	1174	100.0	1174	15	US-10-165-247A-329	Sequence 329, App
395	1174	100.0	1174	100.0	1174	15	US-10-145-124A-329	Sequence 329, App
396	1174	100.0	1174	100.0	1174	15	US-10-160-502A-329	Sequence 329, App
397	1174	100.0	1174	100.0	1174	15	US-10-121-044-271	Sequence 271, App
398	1174	100.0	1174	100.0	1174	15	US-10-121-055-271	Sequence 271, App
399	1174	100.0	1174	100.0	1174	15	US-10-121-057-271	Sequence 271, App
400	1174	100.0	1174	100.0	1174	15	US-10-121-058-271	Sequence 271, App
401	1174	100.0	1174	100.0	1174	15	US-10-121-059-271	Sequence 271, App
402	1174	100.0	1174	100.0	1174	15	US-10-121-060-271	Sequence 271, App
403	1174	100.0	1174	100.0	1174	15	US-10-123-109-271	Sequence 271, App
404	1174	100.0	1174	100.0	1174	15	US-10-123-154-271	Sequence 271, App
405	1174	100.0	1174	100.0	1174	15	US-10-123-157-271	Sequence 271, App
406	1174	100.0	1174	100.0	1174	15	US-10-123-906-271	Sequence 271, App
407	1174	100.0	1174	100.0	1174	15	US-10-124-814-271	Sequence 271, App
408	1174	100.0	1174	100.0	1174	15	US-10-124-816-271	Sequence 271, App
409	1174	100.0	1174	100.0	1174	15	US-10-124-820-271	Sequence 271, App
410	1174	100.0	1174	100.0	1174	15	US-10-125-704-271	Sequence 271, App
411	1174	100.0	1174	100.0	1174	15	US-10-125-927-271	Sequence 271, App
412	1174	100.0	1174	100.0	1174	15	US-10-223-082-7	Sequence 7, Appli
413	1174	100.0	1174	100.0	1174	15	US-10-145-087A-329	Sequence 329, App
414	1174	100.0	1174	100.0	1174	15	US-10-017-086A-329	Sequence 329, App
415	1174	100.0	1174	100.0	1174	15	US-10-142-889-271	Sequence 271, App
416	1174	100.0	1174	100.0	1174	15	US-10-145-874-271	Sequence 271, App
417	1174	100.0	1174	100.0	1174	15	US-10-147-497-271	Sequence 271, App
418	1174	100.0	1174	100.0	1174	15	US-10-152-371-271	Sequence 271, App
419	1174	100.0	1174	100.0	1174	15	US-10-152-374-271	Sequence 271, App
420	1174	100.0	1174	100.0	1174	15	US-10-152-375-271	Sequence 271, App
421	1174	100.0	1					

526 1174 100.0 1174 16 US-10-013-923A-329 Sequence 329, App
527 1174 100.0 1174 16 US-10-013-925A-329 Sequence 329, App
528 1174 100.0 1174 16 US-10-013-927A-329 Sequence 329, App
529 1174 100.0 1174 16 US-10-147-528-271 Sequence 271, App
530 1174 100.0 1174 16 US-10-145-093A-329 Sequence 329, App
531 1174 100.0 1174 16 US-10-013-919A-329 Sequence 329, App
532 1174 100.0 1174 16 US-10-013-920A-329 Sequence 329, App
533 1174 100.0 1174 16 US-10-128-692A-271 Sequence 271, App
534 1174 100.0 1174 16 US-10-140-927-271 Sequence 271, App
535 1174 100.0 1174 17 US-10-147-536-271 Sequence 271, App
536 1151.8 98.1 1695 10 US-09-809-391-299 Sequence 299, App
537 1151.8 98.1 1695 10 US-09-882-171-299 Sequence 299, App
538 1151.8 98.1 1695 13 US-10-164-861-299 Sequence 299, App
539 1139.8 97.1 2351 15 US-10-198-846-12491 Sequence 12491, A
540 1103 94.0 1109 10 US-09-822-846-53 Sequence 53, Appl
541 1097 93.4 1472 10 US-09-746-783-185 Sequence 185, App
542 1049 89.4 1816 10 US-09-809-391-167 Sequence 167, App
543 1049 89.4 1816 10 US-09-882-171-167 Sequence 167, App
544 1049 89.4 1816 13 US-10-164-861-167 Sequence 167, App
545 974 83.0 1742 17 US-10-641-643-85 Sequence 85, Appl

ALIGNMENTS

RESULT 1

US-09-978-295A-329
; Sequence 329, Application US/09978295A
; Patent No. US20020156006A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC11
; CURRENT APPLICATION NUMBER: US/09/978,295A
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15

;
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579

;
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

Qy 61 GGGAAACAAGATGGCGCGCCGCAAGGGGAGCCTCTGCGGTGAGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGCAAGGGGAGCCTCTGCGGTGAGACCCAACTGGGGCTCCCG 120

Qy 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180

Qy 181 TTTGACTCGGTCTTTGGGTGATACGGCGCTCTTGCCACCGGGCCTGTGAGTTGACCTACCC 240
Db 181 TTTGACTCGGTCTTTGGGTGATACGGCGCTCTTGCCACCGGGCCTGTGAGTTGACCTACCC 240

Qy 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGGTTGCAGGCTGTTT 300

Qy 301 TCAATTTGTGAGTTTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360

Qy 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTTGGTTGC 420
Db 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTTGGTTGC 420

Qy 421 CAGAAATCAGCTGCCATTTCGCTGAACTGAGACAAGAAACAATATGTCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTTCGCTGAACTGAGACAAGAAACAATATGTCCTGATGCCAAA 480

Qy 481 ATGCACCTACTCTTTCTCTAACTCTGCTGAGGTCAATCTTGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGCTGAGGTCAATCTTGAGTGACATGATGGACTCC 540

Qy 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600

Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCTACA 660

Qy 661 AATTTGAGAGAATCATCTTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAATCATCTTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720

Qy 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCTCTCTCTTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCTCTCTCTTTAAC 780

Qy 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840

Qy 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900

; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-5-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573

; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAAGCTGAGCTGTGACAGAG 60
DB |||||
1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAAGCTGAGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCCGGAAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
DB |||||
61 GGGAAACAAGATGGCGGCCGGAAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCCGCTCGGCTGAAGCA 180
DB |||||
121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCCGCTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCAGTTGACCTACCCC 240
DB |||||
181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
DB |||||
241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
DB |||||
301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
DB |||||
361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTTCGTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
DB |||||
421 CAGAATCAGCTGCCATTTCGTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGAGACTCC 540
DB |||||
481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGAGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTTTATCTTCAAGCCGATGACGAAAAATA 600
DB |||||
541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTTTATCTTCAAGCCGATGACGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCTACA 660
DB |||||
601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCTACA 660
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCCTATCTGCAAAATGAGAAATTCACAAGCG 720
DB |||||
661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
DB |||||
721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTAACTACAACCTTTGTCTCTCGGTGATGGTATTTGCTTTGGATTGT 840
DB |||||
781 TCTGGGTGGATTTAACTACAACCTTTGTCTCTCGGTGATGGTATTTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTGTCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
DB |||||
841 TGTGCAACTGTGTCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
DB |||||
901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960

y 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
|||||
b 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
|||||
y 1021 CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
|||||
b 1021 CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
|||||
y 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATGGATATAGGCCCTTAAGAAATCA 1140
|||||
b 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATGGATATAGGCCCTTAAGAAATCA 1140
|||||
y 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
|||||
b 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
|||||

RESULT 3

S-09-978-192A-329
Sequence 329, Application US/09978192A
Patent No. US20020177553A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC9
CURRENT APPLICATION NUMBER: US/09/978,192A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791

; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22

;; PRIOR APPLICATION NUMBER: 60/082804
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082700
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082797
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082796
;; PRIOR FILING DATE: 1998-04-23
;; PRIOR APPLICATION NUMBER: 60/083336
;; PRIOR FILING DATE: 1998-04-27
;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083392
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083495
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083496
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083499
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083545
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083554
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083558
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083559
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 9; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAACCCCTCCGAGAAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGAACCCCTCCGAGAAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAAGATGGCGGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGCGAGGTTCCGGGACCGCTTCGGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGCGAGGTTCCGGGACCGCTTCGGGCTGAAGCA 180
QY 181 TTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGGCCCTGTCACTGACCTACCCC 240
DB 181 TTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGGCCCTGTCACTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGATGTGAGAGAGGTTGCAGGCTGTTT 300
DB 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGATGTGAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
DB 301 TCAATTTGTCAGTTTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
DB 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTGCTGACTGAGCAAGAACTTATGTCCTGATGCCAAA 480
DB 421 CAGAATCAGCTGCCATTGCTGACTGAGCAAGAACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGGTCATCTGAGTGCATGATGGACTCC 540
DB 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGGTCATCTGAGTGCATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCACTGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
DB 541 GCACAGAGCTTCATAACCTCTTCACTGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGAGGAGCTTACA 660
DB 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGAGGAGCTTACA 660
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
DB 661 AATTTGAGAGAATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAAGAGTATGCTTTTAAAGATGCTCTCTTTAAC 780
DB 721 CACAGGAATTTCTTGAAGATGGAAGAGTATGCTTTTAAAGATGCTCTCTTTAAC 780
QY 781 TCTGGGTGATTTTAACTACAATCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840
DB 781 TCTGGGTGATTTTAACTACAATCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGAGGAGCATGATGCTTCCCTCTGAGAGAGCTGATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGAGGAGCATGATGCTTCCCTCTGAGAGAGCTGATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGGAGGCGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGGAGGCGCTCTACCTACAAAAGTGAAT 1020

QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTTACTCAAAATCTGTG 1174

RESULT 5

US-09-978-189-329
; Sequence 329, Application US/09978189
; Publication No. US20030004102A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC7
; CURRENT APPLICATION NUMBER: US/09/978,189
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23

;; PRIOR APPLICATION NUMBER: 60/083336
;; PRIOR FILING DATE: 1998-04-27
;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083392
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083495
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083496
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083499
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083545
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083554
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083558
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083559
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 CGGACGGTGGGGAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
1 CGGACGGTGGGGAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGAACAAGATGGCGCGCGCGGAGAGCCTCTGGGTGAGGACCCAACTGGGCTCCCG 120
Db 61 GGAACAAGATGGCGCGCGCGGAGAGCCTCTGGGTGAGGACCCAACTGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGCTTTGGGTGATACGGCGTCTTGCCACCGGCTGTGACCTTACCTACCCC 240
Db 181 TTTGACTCGGCTTTGGGTGATACGGCGTCTTGCCACCGGCTGTGACCTTACCTACCCC 240
QY 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGCTGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGCTGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAAACAATTATGTCCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAAACAATTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCCCTCTAACTCTGCTGAGGTCATTTCTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTTCCCTCTAACTCTGCTGAGGTCATTTCTGGAGTGACATGAGACTCC 540
QY 541 GCACAGAGCTTCTAAACCTCTTCTGAGGTCATTTCTCAAGCCGATGACCGAAAATA 600
Db 541 GCACAGAGCTTCTAAACCTCTTCTGAGGTCATTTCTCAAGCCGATGACCGAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
QY 661 AATTTGAGAGAAATCATCTTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGTGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGTGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTCTTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGATATAGGCTTAAAGAAATCA 1140

QY 1141 CTATAAATGCAATAAAGTTACTCAAACTCTGTG 1174
|||
Db 1141 CTATAAATGCAATAAAGTTACTCAAACTCTGTG 1174

RESULT 6

US-09-978-608A-329
; Sequence 329, Application US/09978608A
; Publication No. US20030045462A1

; GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

INVENTOR: WOOD, WILLIAM L.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C22

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
84

;
; CURRENT FILING DATE: 2001-10-16

; NUMBER OF SEQ ID NOS: 624

; Prior Application removed - See File Wrapper or Palm

SEQ	ID	NO	329
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

LENGTH: 1174

TYPE: DNA

ORGANISM: Homo sapiens

US-09-978-608A-329

Query Match	100.0%;	Score 1174;	DB 10;	Length 1174;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1174: Conservative	0;	Mismatches	0;	Indels 0;
		Gaps	0;	

1 CGGACGGGTGGGGAAACCTTCCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60

[illegible]

61 CCGAACAAGATCGCGCGCGCAAGCGGAGGCTCTCGGTGACGACCGA CCGA CTTGGGCTCCCG 120

QY 8 I GGGHACAAAGATGGCGGCGCAGAGGGAGCCICIGGGIAGAGGACCAGAACIGGGGC120

100

121 CCGCTGCTGCTGCTGACCATGGCCCTGGCCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
84

Qy
181 TTTGACTCGGTCCTTGGGTGATACGGCGGCTCTTGCCACCGGCCCTGTCA GTTGACCTACCCC 240
Qy

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGTTGCAGGCTGTTT 300

QY	301	TC	AATTTGT	CAGTTTGT	GGATGAT	GGAAATG	CACTTAAA	TCGAACT	ATAATCG	GAATGT	GAA	360	
DB	301	TC	AATTTGT	CAGTTTGT	GGATGAT	GGAAATG	CACTTAAA	TCGAACT	ATAATCG	GAATGT	GAA	360	
QY	361	TC	TGCAATG	TACAGAAG	CAATAT	TCCCAAT	CTGATG	GAGCAAT	TATGCT	TGGCAT	TCTGGTTGC	420	
DB	361	TC	TGCAATG	TACAGAAG	CAATAT	TCCCAAT	CTGATG	GAGCAAT	TATGCT	TGGCAT	TCTGGTTGC	420	
QY	421	CAGA	ATCAGCT	GCCCAT	TTCGCT	GAACTG	AGACA	CAAGAA	CAAACT	TATGTC	TCCCTGAT	GCCAAAA	480
DB	421	CAGA	ATCAGCT	GCCCAT	TTCGCT	GAACTG	AGACA	CAAGAA	CAAACT	TATGTC	TCCCTGAT	GCCAAAA	480
QY	481	ATGC	ACCTACT	CTTCTC	TAACTCT	GGTGAG	GTCAAT	CTGGAG	TGACAT	GAATG	GACTCC	540	
DB	481	ATGC	ACCTACT	CTTCTC	TAACTCT	GGTGAG	GTCAAT	CTGGAG	TGACAT	GAATG	GACTCC	540	
QY	541	GCAC	AGCTTCA	TAAACCT	CTTCA	TGGACT	TTTTAT	CTTCA	AGCCGAT	GACG	AAAAATA	600	
DB	541	GCAC	AGCTTCA	TAAACCT	CTTCA	TGGACT	TTTTAT	CTTCA	AGCCGAT	GACG	AAAAATA	600	
QY	601	GT	TATAT	TCAGT	CTAAG	CCAGAA	ATCCAG	TACG	CACCA	CATTTGG	AGCAG	GACCTACA	660
DB	601	GT	TATAT	TCAGT	CTAAG	CCAGAA	ATCCAG	TACG	CACCA	CATTTGG	AGCAG	GACCTACA	660
QY	661	AAT	TTGAG	GAATCAT	CTCTA	AGCAA	ATGTC	CTATCTG	CAAA	TGAGAA	ATTCACA	AGCG	720
DB	661	AAT	TTGAG	GAATCAT	CTCTA	AGCAA	ATGTC	CTATCTG	CAAA	TGAGAA	ATTCACA	AGCG	720
QY	721	CAC	AGGATTT	CTTGA	AGATGG	AGAA	GTGAT	GCGCTTT	TTTAA	GATGCCT	CTCTCTTAAC	780	
DB	721	CAC	AGGATTT	CTTGA	AGATGG	AGAA	GTGAT	GCGCTTT	TTTAA	GATGCCT	CTCTCTTAAC	780	
QY	781	TCT	GGTGG	ATTTTAA	CTAC	AACTCT	TGTCTC	TGCGTG	ATGGT	TATGCT	TTTGGATTTGT	840	
DB	781	TCT	GGTGG	ATTTTAA	CTAC	AACTCT	TGTCTC	TGCGTG	ATGGT	TATGCT	TTTGGATTTGT	840	
QY	841	TG	TGCAACT	GTGTG	CTACAG	CTGTG	GAGCAG	TATGTTCC	CTCTG	AGAAGCT	GATATCTAT	900	
DB	841	TG	TGCAACT	GTGTG	CTACAG	CTGTG	GAGCAG	TATGTTCC	CTCTG	AGAAGCT	GATATCTAT	900	
QY	901	GG	TGACTTTG	GAGTTAT	GAAATGA	ACAAA	AGCTAAA	CAGATAT	CCAGCTT	CTTCTCT	TGTGTG	960	
DB	901	GG	TGACTTTG	GAGTTAT	GAAATGA	ACAAA	AGCTAAA	CAGATAT	CCAGCTT	CTTCTCT	TGTGTG	960	
QY	961	GT	TGTTAG	ATCTA	AAAACT	GAAAGT	CAATGA	AGAGC	AGGCGCT	CTAC	CTACAAA	AGTGAAT	1020
DB	961	GT	TGTTAG	ATCTA	AAAACT	GAAAGT	CAATGA	AGAGC	AGGCGCT	CTAC	CTACAAA	AGTGAAT	1020
QY	1021	CT	TGCTCAT	CTGAAA	ATTTA	AGCAATTTT	CTTTTAA	AGACA	CAAGTGT	ATAAG	ACATCTAA	1080	
DB	1021	CT	TGCTCAT	CTGAAA	ATTTA	AGCAATTTT	CTTTTAA	AGACA	CAAGTGT	ATAAG	ACATCTAA	1080	
QY	1081	AAT	TCCACT	CTCAT	AGACTTTT	TAAAA	ATGGTTT	CAATG	GATATAG	GCCCTTA	AGAAATCA	1140	
DB	1081	AAT	TCCACT	CTCAT	AGACTTTT	TAAAA	ATGGTTT	CAATG	GATATAG	GCCCTTA	AGAAATCA	1140	
QY	1141	CT	ATAAAAT	GCAATA	AAAAT	TACTCA	AAATCT	GTG	1174				
DB	1141	CT	ATAAAAT	GCAATA	AAAAT	TACTCA	AAATCT	GTG	1174				

RESULT 7
US-09-978-585A-329
; Sequence 329, Application US/09978585A
; Publication No. US20030049633A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C15
CURRENT APPLICATION NUMBER: US/09/978,585A
CURRENT FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 329
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo sapiens
US-09-978-585A-329

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCCCGAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCCCGAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGAGCCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGAGCCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGCTCTGGGTGATACGGCGCTCTGCCACCGGCCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGCTCTGGGTGATACGGCGCTCTGCCACCGGCCCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATGICAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATGICAA 360

QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTGCCATCTTGGTTGC 420

QY 421 CAGAACTAGCTGCCATTCGGTGAACCTGAGACAGAAACAATTAATGCTCCCTGATGCCAAA 480
Db 421 CAGAACTAGCTGCCATTCGGTGAACCTGAGACAGAAACAATTAATGCTCCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCATTTCTGGAGTGACATGATGGAATCC 540
Db 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCATTTCTGGAGTGACATGATGGAATCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600

QY 601 GTTATATTCCAGTCTAAGCCGAAATCCAGTACGCACACACATTGAGGAGGAGCCCTACA 660
Db 601 GTTATATTCCAGTCTAAGCCGAAATCCAGTACGCACACACATTGAGGAGGAGCCCTACA 660

QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGAGAAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAC 780

QY 781 TCTGGGTGGATTTAACTACAACCTCTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTAACTACAACCTCTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840

QY 841 TGTCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960

QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCTTAAAGAAATCA 1140

QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 8
US-09-978-191A-329
; Sequence 329, Application US/09978191A
; Publication No. US20030050239A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC4
CURRENT APPLICATION NUMBER: US/09/978,191A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07

; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 CGGACGCGTGGGGAACCCCTTCCGAGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
1 CGGACGCGTGGGGAACCCCTTCCGAGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
61 GGGAAACAAGATGCGCGCGCCGAGAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
61 GGGAAACAAGATGCGCGCGCCGAGAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
121 CCGCTGCTGCTGTGACCATGCGCCTTGGCGCGGAGGTTTCGGGAGCCGCTTCGGCTGAAGCA 180
121 CCGCTGCTGCTGTGACCATGCGCCTTGGCGCGGAGGTTTCGGGAGCCGCTTCGGCTGAAGCA 180
181 TTTGACTCGGTCITGGGTGATACGGCGCTTTCGCCACCGGGCCTGTGAGTTGACCTACCCC 240
181 TTTGACTCGGTCITGGGTGATACGGCGCTTTCGCCACCGGGCCTGTGAGTTGACCTACCCC 240
241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCGATGTTCAGAGAGGTTGCAGGCTGTT 300
241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCGATGTTCAGAGAGGTTGCAGGCTGTT 300
301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATGTGAA 360
301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATGTGAA 360
361 TCTGCATGTACAGAGACCATATTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
361 TCTGCATGTACAGAGACCATATTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
481 ATGCACCTACTCTTTTCTCTAACTCTGGTGGGTGAGTTCATGAGTGCATGATGGACTCC 540
481 ATGCACCTACTCTTTTCTCTAACTCTGGTGGGTGAGTTCATGAGTGCATGATGGACTCC 540
541 GCACAGAGCTTCATAAACCCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600
541 GCACAGAGCTTCATAAACCCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGACCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGACCTACA 660
QY 661 AATTGTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGG 720
Db 661 AATTGTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGTGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGTGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTTGTG 960
QY 961 GTTGTAGATCTAATAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAATAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTGCTCATCTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTGCTCATCTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAATCTGTG 1174

RESULT 9
US-09-978-403A-329
; Sequence 329, Application US/09978403A
; Publication No. US20030050240A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey

```

; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C17
; CURRENT APPLICATION NUMBER: US/09/978,403A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
```

; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCGTGGGGGAAACCCCTTCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTTCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60

Qy 61 GGGAAACAAGATGGCGGCCCGGAAGGGAGCTCTGGGTGAGGACCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCCCGGAAGGGAGCTCTGGGTGAGGACCAACTGGGGCTCCCG 120

Qy 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCCGCTTCGGCTGAAGCA 180

Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTCAGTTGACCTACCCC 240

Qy 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTAGCGCATGTTCAGAGAGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTAGCGCATGTTCAGAGAGTTGCAGGCTGTTT 300

Qy 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360

Qy 361 TCTGCATGTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

Qy 421 CAGAATCAGCTGCCATTTCGCTGAACTGAGACAGAACAACCTTATGTCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTTCGCTGAACTGAGACAGAACAACCTTATGTCCTGATGCCAAA 480

Qy 481 ATGCACCTACTCTTTTCCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTTCCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540

Qy 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATA 600

Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTTGGAGCAGGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTTGGAGCAGGCTTACA 660

Qy 661 AATTGAGAGAATCATCTTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAATCATCTTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAAGCG 720

Qy 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780

Qy 781 TCTGGGTGGATTTTAACTAACAATCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTAACAATCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840

Qy 841 TGTCAAACTGTTGTACAGCTGTGGAGCAATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTCAAACTGTTGTACAGCTGTGGAGCAATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900

Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTTTGTG 960

Qy 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020

Qy 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

Qy 1081 AATTCACACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCACACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140

Qy 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 10
US-09-978-564A-329
; Sequence 329, Application US/09978564A
; Publication No. US20030050241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C25

[illegible]

; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	CGGACGCGTGGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG	60
Db	1	CGGACGCGTGGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG	60
Qy	61	GGGAACAAGATGGCGGCGCCGGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120
Db	61	GGGAACAAGATGGCGGCGCCGGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120
Qy	121	CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA	180
Db	121	CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA	180
Qy	181	TTTGACTCGGCTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTTGACCTACCC	240
Db	181	TTTGACTCGGCTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTTGACCTACCC	240
Qy	241	TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTTCAGAGGTTGCAGGCTGTTT	300
Db	241	TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTTCAGAGGTTGCAGGCTGTTT	300
Qy	301	TCAATTTGTGAGTTTGTGATGATGGAATTAACCTTAATCGAACTAAATGGAATGGA	360
Db	301	TCAATTTGTGAGTTTGTGATGATGGAATTAACCTTAATCGAACTAAATGGAATGGA	360
Qy	361	TCTGCATGTACAGAAAGCATATTCCTAATCTGATGAGCAATATGCTTGCCATCTTGCTGC	420
Db	361	TCTGCATGTACAGAAAGCATATTCCTAATCTGATGAGCAATATGCTTGCCATCTTGCTGC	420
Qy	421	CAGAAATCAGCTGCCATTCGCTGAACCTGAGCAAGAAACAACTTATGCTCCCTGATGCCAAA	480
Db	421	CAGAAATCAGCTGCCATTCGCTGAACCTGAGCAAGAAACAACTTATGCTCCCTGATGCCAAA	480
Qy	481	ATGCACCTACTCTTTCTCTAATCTGCTGAGGTCATTTCTGGAGTACATGATGACTCC	540
Db	481	ATGCACCTACTCTTTCTCTAATCTGCTGAGGTCATTTCTGGAGTACATGATGACTCC	540
Qy	541	GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCGCATGACGGAAAATA	600
Db	541	GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCGCATGACGGAAAATA	600
Qy	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTTACA	660
Db	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTTACA	660
Qy	661	AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG	720
Db	661	AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG	720

Qy	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTGAAGCTTTTAAAGATGCTCTCTCTTAAC	780
Db	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTGAAGCTTTTAAAGATGCTCTCTCTTAAC	780
Qy	781	TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTGGATTGT	840
Db	781	TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTGGATTGT	840
Qy	841	TGTCAAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
Db	841	TGTCAAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
Qy	901	GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTTGTG	960
Db	901	GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTTGTG	960
Qy	961	GTTGTTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAGTGAAT	1020
Db	961	GTTGTTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAGTGAAT	1020
Qy	1021	CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA	1080
Db	1021	CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA	1080
Qy	1081	AATTCACACTCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCTTAAAGAAATCA	1140
Db	1081	AATTCACACTCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCTTAAAGAAATCA	1140
Qy	1141	CTATAAATGCAATTAAGTACTCAATCTCTG 1174	
Db	1141	CTATAAATGCAATTAAGTACTCAATCTCTG 1174	

RESULT 11

US-09-999-833A-329
; Sequence 329, Application US/09999833A
; Publication No. US20030054405A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C65
; CURRENT APPLICATION NUMBER: US/09/999,833A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/085323									
; PRIOR FILING DATE: 1998-05-13									
; PRIOR APPLICATION NUMBER: 60/085582									
; PRIOR FILING DATE: 1998-05-15									
; PRIOR APPLICATION NUMBER: 60/085700									
; PRIOR FILING DATE: 1998-05-15									
; PRIOR APPLICATION NUMBER: 60/085689									
; PRIOR FILING DATE: 1998-05-15									
; PRIOR APPLICATION NUMBER: 60/085579									
; PRIOR FILING DATE: 1998-05-15									
; PRIOR APPLICATION NUMBER: 60/085580									
; PRIOR FILING DATE: 1998-05-15									
; PRIOR APPLICATION NUMBER: 60/085573									
; PRIOR FILING DATE: 1998-05-15									
; PRIOR APPLICATION NUMBER: 60/085704									
; PRIOR FILING DATE: 1998-05-15									
; PRIOR APPLICATION NUMBER: 60/085697									
Query Match 100.0%; Score 1174; DB 10; Length 1174;									
Best Local Similarity 100.0%; Pred. No. 0;									
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
QY	1	CGGACGCGTGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGCTGTGACAGAG	60						
Db	1	CGGACGCGTGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGCTGTGACAGAG	60						
QY	61	GGGAACAAGATGGCGCGCCGGAAGGGAGCCCTCTGGGTGAGACCCCAACTGGGGTCCCG	120						
Db	61	GGGAACAAGATGGCGCGCCGGAAGGGAGCCCTCTGGGTGAGACCCCAACTGGGGTCCCG	120						
QY	121	CCGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA	180						
Db	121	CCGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA	180						
QY	181	TTTGACTCGGCTTGGGTGATACGGCGTCTTGCCACCGGCTGTGAGTTGACCTACCCC	240						
Db	181	TTTGACTCGGCTTGGGTGATACGGCGTCTTGCCACCGGCTGTGAGTTGACCTACCCC	240						
QY	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCGATGTGAGAGGTTGCAGGCTGTT	300						
Db	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCGATGTGAGAGGTTGCAGGCTGTT	300						
QY	301	TCAATTTGTGAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGAA	360						
Db	301	TCAATTTGTGAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGAA	360						
QY	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC	420						
Db	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC	420						
QY	421	CAGAAATCAGCTGCCATTGCTGAACCTGAGCAAGAACAACCTTATGTCCCTGATGCCAAA	480						
Db	421	CAGAAATCAGCTGCCATTGCTGAACCTGAGCAAGAACAACCTTATGTCCCTGATGCCAAA	480						
QY	481	ATGCACCTACTCTTTTCCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGAGTCC	540						
Db	481	ATGCACCTACTCTTTTCCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGAGTCC	540						
QY	541	GCACAGAGCTTCATAACCTCTTCATGGACITTTTATCTTCAAGCCGATGACGGAAAATA	600						
Db	541	GCACAGAGCTTCATAACCTCTTCATGGACITTTTATCTTCAAGCCGATGACGGAAAATA	600						
QY	601	GTTATATCCAGTCTAAGCCAGAAATCCAGTAGCCACCACATTTGGAGCAGGAGCCCTACA	660						
Db	601	GTTATATCCAGTCTAAGCCAGAAATCCAGTAGCCACCACATTTGGAGCAGGAGCCCTACA	660						
QY	661	AATTTGAGAGAATCAATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAACCG	720						
Db	661	AATTTGAGAGAATCAATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAACCG	720						
QY	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTAGGCTTTTAAAGATGCCTCTCTCTTAAC	780						
Db	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTAGGCTTTTAAAGATGCCTCTCTCTTAAC	780						

QY	781	TCTGGGTGGATTTAACTACAACCTCTGTCTCTCGGTGATGGTATTGCTTTGGATTGT	840
Db	781	TCTGGGTGGATTTAACTACAACCTCTGTCTCTCGGTGATGGTATTGCTTTGGATTGT	840
QY	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT	900
Db	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT	900
QY	901	GCTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTTTGTG	960
Db	901	GCTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTTTGTG	960
QY	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT	1020
Db	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT	1020
QY	1021	CTTGCTCATTTCTGAAATTTAAGCATTTTTTTTAAAGACAAGCTGTAATAGACATCTAA	1080
Db	1021	CTTGCTCATTTCTGAAATTTAAGCATTTTTTTTAAAGACAAGCTGTAATAGACATCTAA	1080
QY	1081	AATTCCACTCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCTTAAGAAATCA	1140
Db	1081	AATTCCACTCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCTTAAGAAATCA	1140
QY	1141	CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG	1174
Db	1141	CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG	1174

RESULT 12

US-09-981-915A-329

; Sequence 329, Application US/09981915A

; Publication No. US20030054986A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C12

; CURRENT APPLICATION NUMBER: US/09/981,915A

; CURRENT FILING DATE: 2001-10-16

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGCGCGCCGGAAGGGAGGACCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCGCCGGAAGGGAGGACCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGCTGTGGGTGATACGGCGTCTTCCACCGGCGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGCTGTGGGTGATACGGCGTCTTCCACCGGCGCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTTGCAGGCTGTTT 300

QY 301 TCAATTTGTCAAGTTTGTGGATGATGGAATGACTTAATCGAACTAAATGGAAATGTGAA 360
Db 301 TCAATTTGTCAAGTTTGTGGATGATGGAATGACTTAATCGAACTAAATGGAAATGTGAA 360

QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC 420

QY 421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAGACAACAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAGACAACAACTTATGTCCCTGATGCCAAA 480

QY 481 ATGCACCTACTTTTCTTCTTAACCTTGGTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTTTTCTTCTTAACCTTGGTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATAATA 600

QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660

QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780

QY 781 TCTGGGTGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTTGCTTTGATTTGT 840
Db 781 TCTGGGTGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTTGCTTTGATTTGT 840

RESULT 13

US-09-978-824-329
; Sequence 329, Application US/09978824
; Publication No. US20030055216A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC14
; CURRENT APPLICATION NUMBER: US/09/978,824
; CURRENT FILING DATE: 2001-10-17
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21

QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTTG 960

QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCCTTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCCTTACCTACAAAGTGAAT 1020

QY 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAATCA 1140

QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG	60
Db	1	CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG	60
Qy	61	GGGAACAAGATGGCGCGCCGGAAGGGGAGCCTCTGGGTGAGACCCCAACTGGGGCTCCCG	120
Db	61	GGGAACAAGATGGCGCGCCGGAAGGGGAGCCTCTGGGTGAGACCCCAACTGGGGCTCCCG	120
Qy	121	CCGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA	180
Db	121	CCGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA	180
Qy	181	TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC	240
Db	181	TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC	240
Qy	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCGATGTACAGAGGTTGCAGGCTGTTT	300
Db	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCGATGTACAGAGGTTGCAGGCTGTTT	300
Qy	301	TCAATTTGTGAGTTTGGGTGATGGAATGACTTAAATCGAATAAATGGAAATGAA	360
Db	301	TCAATTTGTGAGTTTGGGTGATGGAATGACTTAAATCGAATAAATGGAAATGAA	360
Qy	361	TCTGCATGTACAGAAAGCATATTCCTAATCTGATGAGCAATATGCTGCCATCTTGGTTGC	420
Db	361	TCTGCATGTACAGAAAGCATATTCCTAATCTGATGAGCAATATGCTGCCATCTTGGTTGC	420
Qy	421	CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCTGATGCCAAA	480
Db	421	CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCTGATGCCAAA	480
Qy	481	ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGATGGACTCC	540
Db	481	ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGATGGACTCC	540
Qy	541	GCACAGAGCTTCATAACCTCTTCATGGACITTTTATCTTCAAGCCGATGACGGAAAATA	600
Db	541	GCACAGAGCTTCATAACCTCTTCATGGACITTTTATCTTCAAGCCGATGACGGAAAATA	600
Qy	601	GTATATTCAGCTTAAGCCAGAAATCCAGTACGCCACCATTTTGGAGCAGGAGCCTACA	660
Db	601	GTATATTCAGCTTAAGCCAGAAATCCAGTACGCCACCATTTTGGAGCAGGAGCCTACA	660
Qy	661	AATTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG	720
Db	661	AATTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG	720
Qy	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGTGCCTCTCTCTTAAC	780
Db	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGTGCCTCTCTCTTAAC	780
Qy	781	TCGGGTGGATTTTAACTACAACTCTTGTCTCGGTGATGGTATGCTTTGGATTGT	840
Db	781	TCGGGTGGATTTTAACTACAACTCTTGTCTCGGTGATGGTATGCTTTGGATTGT	840
Qy	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT	900
Db	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT	900

Qy	901	GGTGAAGTTGAGTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG	960
Db	901	GGTGAAGTTGAGTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG	960
Qy	961	GTGTTAGATCTAAAAGTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT	1020
Db	961	GTGTTAGATCTAAAAGTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT	1020
Qy	1021	CTTGCTCATCTGAAATTTAAGCATTTTTCTTTAAAGACAAGTGAATAGACATCTAA	1080
Db	1021	CTTGCTCATCTGAAATTTAAGCATTTTTCTTTAAAGACAAGTGAATAGACATCTAA	1080
Qy	1081	AATCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA	1140
Db	1081	AATCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA	1140
Qy	1141	CTATAAATGCAATAAAGTTACTCAATCTGTG	1174
Db	1141	CTATAAATGCAATAAAGTTACTCAATCTGTG	1174

RESULT 14
US-09-918-585A-329
; Sequence 329, Application US/09918585A
; Publication No. US20030060406A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C1
; CURRENT APPLICATION NUMBER: US/09/918,585A
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086023

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CGGACGCGTGGGGAAACCCCTTCCGAGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG	60
Db	1	CGGACGCGTGGGGAAACCCCTTCCGAGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG	60
QY	61	GGGAACAAGATGGCGGCCCGAAGGGGAGCCTCTGGGTGAGACCCCAACTGGGGCTCCCG	120
Db	61	GGGAACAAGATGGCGGCCCGAAGGGGAGCCTCTGGGTGAGACCCCAACTGGGGCTCCCG	120
QY	121	CCGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA	180
Db	121	CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA	180
QY	181	TTTGACTCGGCTTGGGTGATACGGCGCTTGGCCACCGGCGCTGTGAGTTGACCTACCCC	240
Db	181	TTTGACTCGGCTTGGGTGATACGGCGCTTGGCCACCGGCGCTGTGAGTTGACCTACCCC	240
QY	241	TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT	300
Db	241	TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT	300
QY	301	TCAATTTGTGATGTTGTGGATGATGGAATTGAACTTAATCGAACTAAATTGGAATGTGAA	360
Db	301	TCAATTTGTGATGTTGTGGATGATGGAATTGAACTTAATCGAACTAAATTGGAATGTGAA	360
QY	361	TCTGCATGTACAGAAACATATTCCTAATCTGATGAGCAATATGCTTGCCATCTTGTTGC	420
Db	361	TCTGCATGTACAGAAACATATTCCTAATCTGATGAGCAATATGCTTGCCATCTTGTTGC	420
QY	421	CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAAACAACCTTATGTCCTGATGCCAAA	480
Db	421	CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAAACAACCTTATGTCCTGATGCCAAA	480
QY	481	ATGCACCTACTCTTCTCTAATCTGCTGAGGTCATCTGAGTGACATGATGGAATCC	540
Db	481	ATGCACCTACTCTTCTCTAATCTGCTGAGGTCATCTGAGTGACATGATGGAATCC	540
QY	541	GCACAGAGCTTCAFAAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATA	600
Db	541	GCACAGAGCTTCAFAAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATA	600
QY	601	GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCTTACA	660
Db	601	GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCTTACA	660
QY	661	AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG	720
Db	661	AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG	720
QY	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAAC	780
Db	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAAC	780
QY	781	TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGTTGCTTTGGATTTGT	840
Db	781	TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGTTGCTTTGGATTTGT	840
QY	841	TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
Db	841	TGTGCAACTGTTGTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
QY	901	GCTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG	960
Db	901	GCTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG	960

QY	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTTACCTACAAAAGTGAAT	1020
Db	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTTACCTACAAAAGTGAAT	1020
QY	1021	CTTGCTCATTTCTGAAATTTAAGCATTCTTTTAAAGACAAAGTGTAAATAGACATCTAA	1080
Db	1021	CTTGCTCATTTCTGAAATTTAAGCATTCTTTTAAAGACAAAGTGTAAATAGACATCTAA	1080
QY	1081	AATTCACCTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA	1140
Db	1081	AATTCACCTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA	1140
QY	1141	CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG	1174
Db	1141	CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG	1174

RESULT 15

US-09-978-423A-329
; Sequence 329, Application US/09978423A
; Publication No. US20030069178A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C21
; CURRENT APPLICATION NUMBER: US/09/978,423A
; CURRENT FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTACAGAG	60
Db	1	CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTACAGAG	60
QY	61	GGGAACAAGATGGCGGCGCCGGAAGGGGAGCCCTCTGGGTGAGACCCCAACTGGGGCTCCCG	120
Db	61	GGGAACAAGATGGCGGCGCCGGAAGGGGAGCCCTCTGGGTGAGACCCCAACTGGGGCTCCCG	120
QY	121	CCGCTGCTGCTGTACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA	180
Db	121	CCGCTGCTGCTGTACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA	180
QY	181	TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGGCTGTGAGTTGACCTACCCC	240
Db	181	TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGGCTGTGAGTTGACCTACCCC	240
QY	241	TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTTGAGGCTGTTT	300
Db	241	TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTTGAGGCTGTTT	300
QY	301	TCAATTTGTCAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATGTGAA	360
Db	301	TCAATTTGTCAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATGTGAA	360
QY	361	TCTGCATGTACAGAAGCATATTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC	420
Db	361	TCTGCATGTACAGAAGCATATTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC	420
QY	421	CAGAATCAGCTGCCATTCTGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA	480
Db	421	CAGAATCAGCTGCCATTCTGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA	480
QY	481	ATGCACCTACTCTTCTCTAACTCTGTGAGGTCACTCTGAGTGCATGTGAGTGCCTCC	540
Db	481	ATGCACCTACTCTTCTCTAACTCTGTGAGGTCACTCTGAGTGCATGTGAGTGCCTCC	540
QY	541	GCACAGAGCTTCAATAACCTCTTCAATGAGTCTTCAAGCCGATGACGGAATAATA	600
Db	541	GCACAGAGCTTCAATAACCTCTTCAATGAGTCTTCAAGCCGATGACGGAATAATA	600
QY	601	GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCACCACTTGGAGCAGGAGCTTACA	660
Db	601	GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCACCACTTGGAGCAGGAGCTTACA	660
QY	661	AATTTGAGAGAATCATCTCTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAAGCG	720
Db	661	AATTTGAGAGAATCATCTCTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAAGCG	720
QY	721	CACAGGAATTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCCTCTCTCTTAAC	780
Db	721	CACAGGAATTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCCTCTCTCTTAAC	780
QY	781	TCTGGGTGGAATTTAACTACAACCTCTTGCTCTCGGTGATGGTATGCTTTGGATTTGT	840
Db	781	TCTGGGTGGAATTTAACTACAACCTCTTGCTCTCGGTGATGGTATGCTTTGGATTTGT	840
QY	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
Db	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
QY	901	GCTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG	960
Db	901	GCTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG	960
QY	961	GTTGTTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCCTTACCTACAAAGTGAAT	1020
Db	961	GTTGTTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCCTTACCTACAAAGTGAAT	1020

QY	1021	CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA	1080
Db	1021	CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA	1080
QY	1081	AATTCACACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA	1140
Db	1081	AATTCACACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA	1140
QY	1141	CTATAAAATGCAATAAAAGTTACTCAAAATCTGTG	1174
Db	1141	CTATAAAATGCAATAAAAGTTACTCAAAATCTGTG	1174

RESULT 16

US-09-978-193A-329
; Sequence 329, Application US/09978193A
; Publication No. US20030073624A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C6
; CURRENT APPLICATION NUMBER: US/09/978,193A
; CURRENT FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13

PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700

PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAACCCCTTCCGAGAAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGAACCCCTTCCGAGAAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCATGCGCTTGGCCGAGAGGTTGGGGGACCGCTCGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGCTGACCATGCGCTTGGCCGAGAGGTTGGGGGACCGCTCGGCTGAAGCA 180

QY 181 TTTGACTCGGCTCTTGGGTGATACGGCGCTTTGGCCACCGGGCCCTGTCACTGACCTACCCC 240
DB 181 TTTGACTCGGCTCTTGGGTGATACGGCGCTTTGGCCACCGGGCCCTGTCACTGACCTACCCC 240

QY 241 TTGCACACCTACCTTAAGGAAGAGGAGCTTGTACCGCATGTTCAGAGAGGTTGCAGGCTGTT 300
DB 241 TTGCACACCTACCTTAAGGAAGAGGAGCTTGTACCGCATGTTCAGAGAGGTTGCAGGCTGTT 300

QY 301 TCAATTTGTGCTGCTGATGGAATGACTTAAATCGAATTAATGGAATGTGAA 360
DB 301 TCAATTTGTGCTGCTGATGGAATGACTTAAATCGAATTAATGGAATGTGAA 360

QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTC 420
DB 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTC 420

QY 421 CAGAATCAGCTGCCATTCGCTGAATGAGCAAGCAAACTTATGTCCTGATGCCAAA 480
DB 421 CAGAATCAGCTGCCATTCGCTGAATGAGCAAGCAAACTTATGTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTCTCTTAATCTGCTGAGTCAATCTGAGTGACATGAGTGC 540
DB 481 ATGCACCTACTCTTCTCTTAATCTGCTGAGTCAATCTGAGTGACATGAGTGC 540

QY 541 GCACAGAGCTTCAATACCTCTTCAATGAGCACTTTTATCTCAAGCCGATGACGGAATA 600
DB 541 GCACAGAGCTTCAATACCTCTTCAATGAGCACTTTTATCTCAAGCCGATGACGGAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCCCTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGCAGGAGCCCTACA 660

QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
DB 661 AATTTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGCTTTTAAAGATGCTCTCTCTTAAC 780
DB 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGCTTTTAAAGATGCTCTCTCTTAAC 780

QY 781 TCTGGTGGATTTTAACTACAACTCTTCTCTGCTGATGATGCTTTGATTTGT 840
DB 781 TCTGGTGGATTTTAACTACAACTCTTCTCTGCTGATGATGCTTTGATTTGT 840

QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960

QY 961 GTTGTAGATCTAATACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAATACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCATTTCTGAATTTAAGCAATTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
DB 1021 CTTGCTCATTTCTGAATTTAAGCAATTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080

RESULT 17

US-09-999-830A-329
; Sequence 329, Application US/09999830A
; Publication No. US2003007700A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C70
; CURRENT APPLICATION NUMBER: US/09/999,830A
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20

QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140

QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

;
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796

;
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CGGACGCGTGGGGAACCTCCGAGAAAAACAGCAACAAGCTGAGCTCTGTGACAGAG 60
|||||

Db 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60

Qy 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

Db 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

Qy 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180

Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180

Qy 181 TTTGACTCGGCTTGGGTGATACGGGCTTGGCCACCGGCGCTGTGAGTTGACCTACCCC 240

Db 181 TTTGACTCGGCTTGGGTGATACGGGCTTGGCCACCGGCGCTGTGAGTTGACCTACCCC 240

Qy 241 TTGCACACCTAACCTAAGGAAGAGGAGTTGTACGCATGTGAGAGAGGTTGCAGGCTGTTT 300

Db 241 TTGCACACCTAACCTAAGGAAGAGGAGTTGTACGCATGTGAGAGAGGTTGCAGGCTGTTT 300

Qy 301 TCAATTTGTCAAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATGTAA 360

Db 301 TCAATTTGTCAAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATGTAA 360

Qy 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

Db 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

Qy 421 CAGAATCAGCTGCCTTCCGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480

Db 421 CAGAATCAGCTGCCTTCCGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480

Qy 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGAGACTCC 540

Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGAGACTCC 540

Qy 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGHAAAATA 600

Db 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGHAAAATA 600

Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGAGCCTACA 660

Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGAGCCTACA 660

Qy 661 AATTGAGAGAAATCATCTTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720

Db 661 AATTGAGAGAAATCATCTTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720

Qy 721 CACAGGAATTTTCTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780

Db 721 CACAGGAATTTTCTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780

Qy 781 TCTGGGTGATTTTAACTACAACCTCTTGTCTCTCGGTGATGATGTTGATTTGATTTGT 840

Db 781 TCTGGGTGATTTTAACTACAACCTCTTGTCTCTCGGTGATGATGTTGATTTGATTTGT 840

Qy 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

Db 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960

Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960

Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCTTACCTACAAAAGTGAAT 1020

Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCTTACCTACAAAAGTGAAT 1020

Qy 1021 CTTGCTCATCTGAATTTAAGCATTTTCTTTAAAGACAAAGTGAATAGACATCTAA 1080

Db 1021 CTTGCTCATCTGAATTTAAGCATTTTCTTTAAAGACAAAGTGAATAGACATCTAA 1080

Qy 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCTTAAGAAATCA 1140

Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCTTAAGAAATCA 1140

Qy 1141 CTATAAAATGCAATAAAGTTACTCAATCTGTG 1174

Db 1141 CTATAAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 18

US-09-978-757A-329
; Sequence 329, Application US/09978757A
; Publication No. US20030083248A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Pacni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC26
; CURRENT APPLICATION NUMBER: US/09/978,757A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20

;
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322

;
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGGAACCTTCCGAGAGAAACAGCAACGCTGCTGTGACAGAG 60
|||||
Db 1 CGGACGCGTGGGGGAACCTTCCGAGAGAAACAGCAACGCTGCTGTGACAGAG 60
|||||
QY 61 GCGAACAGATGGCGCGCCGAGGGGAGCCTCTGGGTGAGGACCAACTGGGGCTCCG 120
|||||

Db 61 GGGAAACAAGATGGCGCGCCGAAGGGGAGCCTCTGGGTAGGAGCCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGAGGTTTCGGGAGCGCTTCGGCTGAAGCA 180

Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGAGGTTTCGGGAGCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGCCACCGGCGCTTCAGTTGACCTACCCC 240

Db 181 TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGCCACCGGCGCTTCAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGTTGCAGGCTGTTT 300

Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGTTGCAGGCTGTTT 300

QY 301 TCAATTGTTCAGTTTGTGGATGATGGAATTGAACTTAAATCGAACTAAATTTGGAATGTGAA 360

Db 301 TCAATTGTTCAGTTTGTGGATGATGGAATTGAACTTAAATCGAACTAAATTTGGAATGTGAA 360

QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCCATCTTGTGTGC 420

Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCCATCTTGTGTGC 420

QY 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACGAGCAAACTTATGTCCCTGATGCCAAA 480

Db 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACGAGCAAACTTATGTCCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTTCCCTTAACTCTGCTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540

Db 481 ATGCACCTACTCTTTTCCCTTAACTCTGCTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCACTGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600

Db 541 GCACAGAGCTTCATAACCTCTTCACTGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660

Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660

QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720

Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTCTTGAGATGGAGAAAGTATGCTTTTAAAGTGCCTCTCTCTTAAC 780

Db 721 CACAGGAATTTCTTGAGATGGAGAAAGTATGCTTTTAAAGTGCCTCTCTCTTAAC 780

QY 781 TCTGGTGGATTTTAACTAAGTCTTGTCTCGGTGATGTTTAAAGTGCCTCTCTCTTAAC 840

Db 781 TCTGGTGGATTTTAACTAAGTCTTGTCTCGGTGATGTTTAAAGTGCCTCTCTCTTAAC 840

QY 841 TGTGCACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900

Db 841 TGTGCACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900

QY 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTG 960

Db 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTG 960

QY 961 GTTGTAGATCTAAATCTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020

Db 961 GTTGTAGATCTAAATCTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080

Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080

QY 1081 AATCCACTCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTAAGAAATCA 1140

Db 1081 AATCCACTCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTAAGAAATCA 1140

QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

Db 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 19

US-09-978-187B-329
; Sequence 329, Application US/09978187B
; Publication No. US20030096744A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C5
; CURRENT APPLICATION NUMBER: US/09/978,187B
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/068364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26

;
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495

;
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCTTCGAGAAAAACAGCAACAGCTGAGCTGTGACAGAG 60
|||
Db 1 CGGACGCGTGGGGAAACCTTCGAGAAAAACAGCAACAGCTGAGCTGTGACAGAG 60
|||
QY 61 GGGAAACAAGATGGCGGCGCGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
|||
Db 61 GGGAAACAAGATGGCGGCGCGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
|||
QY 121 CCGCTGCTGCTGTGACCATGCCCTTGGCCGCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
|||

Db 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGCTTGGGTGATACGGCGCTTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGCTTGGGTGATACGGCGCTTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTAAGGAAGAGGAGTGTACGCATGTGAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTGTACGCATGTGAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAAATGTAA 360
Db 301 TCAATTTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAAATGTAA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTCTCTCTAACTCTGGTGAGGTCTATTTCTGAGTGACATGATGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTCTAACTCTGGTGAGGTCTATTTCTGAGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTCAATAACCTCTTCTCATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCAATAACCTCTTCTCATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGAAATCACTCTAAGCAAAATGTCCTTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCACTCTAAGCAAAATGTCCTTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGAATTTTAACTACAACCTCTTGTCTCTCGTGATGGTATGCTTTGGATTTGT 840
Db 781 TCTGGGTGGAATTTTAACTACAACCTCTTGTCTCTCGTGATGGTATGCTTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAGCAAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAGCAAGATATCCAGCTTCTTCTCTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 20
US-09-978-643A-329

; Sequence 329, Application US/09978643A
; Publication No. US20030104998A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C16
; CURRENT APPLICATION NUMBER: US/09/978,643A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-978-643A-329

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGGAAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGCTCCCG 120
QY 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGGCCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGGCCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTGAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTGAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATGTGAA 360
Db 301 TCAATTTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

Db 361 TCTGCACTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Qy 421 CAGAAATCAGCTGCCATTGCTGAATGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTGCTGAATGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTCTCTTAATCTGCTGGTGAAGTCAATCTTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTCTCTTAATCTGCTGGTGAAGTCAATCTTGGAGTGACATGAGACTCC 540
Qy 541 GCACAGAGTTTCATAACCTCTTCAATGAGACTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGTTTCATAACCTCTTCAATGAGACTTTTATCTTCAAGCCGATGACGGAATA 600
Qy 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCACACATTTGGAGCAGGACTTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCACACATTTGGAGCAGGACTTACA 660
Qy 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTCTTGAAGATGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAC 780
Qy 781 TCTGGTGGATTTTAACTACAATCTTGTCTCTCGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTACAATCTTGTCTCTCGTGATGGTATTGCTTTGGATTGT 840
Qy 841 TGTGCACTGTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGATATCTAT 900
Db 841 TGTGCACTGTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGATATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
Qy 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCACTGAAATTAAGCAATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCACTGAAATTAAGCAATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
Qy 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 21
US-09-978-375A-329
; Sequence 329, Application US/09978375A
; Publication No. US20030130181A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC24
; CURRENT APPLICATION NUMBER: US/09/978,375A
; CURRENT FILING DATE: 2002-04-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-978-375A-329

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCGTGGGGAACCCCTTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAACCCCTTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGCGCCGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGTCCCG 120
Qy 121 CCGCTGCTGCTGACCATGGCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGACCATGGCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGTCTTGGGTGATACGGCGTCTTCCACCGGGCCCTGTCAGTTGACCTACCC 240
Db 181 TTTGACTCGTCTTGGGTGATACGGCGTCTTCCACCGGGCCCTGTCAGTTGACCTACCC 240
Qy 241 TTGCACACCTACCTAAGGAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTT 300
Db 241 TTGCACACCTACCTAAGGAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTT 300
Qy 301 TCAATTTGTCAGTTTGTGGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGA 360
Qy 361 TCTGCATGTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Qy 421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTTCCTCTAACTCTGGTGAGGTCATTTCTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTTCCTCTAACTCTGGTGAGGTCATTTCTGGAGTGACATGAGACTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTTCATGGAATTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTTCATGGAATTTTATCTTCAAGCCGATGACGGAATA 600
Qy 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCACCATTTGGAGCAGGACTTACA 660

Db 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGAGCCTACA 660
QY 661 AATTGAGAGAATCATCTCTAAGCAAAATCTCCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAATCATCTCTAAGCAAAATCTCCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACCTCTTCTCCTCTCGGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTACAACCTCTTCTCCTCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
QY 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCTTAAGAAATCA 1140
Db 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 22

US-09-978-298A-329

; Sequence 329, Application US/09978298A

; Publication No. US20030134785A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C2
; CURRENT APPLICATION NUMBER: US/09/978,298A
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08

;	PRIOR APPLICATION NUMBER: 60/081195
;	PRIOR FILING DATE: 1998-04-08
;	PRIOR APPLICATION NUMBER: 60/081203
;	PRIOR FILING DATE: 1998-04-09
;	PRIOR APPLICATION NUMBER: 60/081229
;	PRIOR FILING DATE: 1998-04-09
;	PRIOR APPLICATION NUMBER: 60/081955
;	PRIOR FILING DATE: 1998-04-15
;	PRIOR APPLICATION NUMBER: 60/081817
;	PRIOR FILING DATE: 1998-04-15
;	PRIOR APPLICATION NUMBER: 60/081819
;	PRIOR FILING DATE: 1998-04-15
;	PRIOR APPLICATION NUMBER: 60/081952
;	PRIOR FILING DATE: 1998-04-15
;	PRIOR APPLICATION NUMBER: 60/081838
;	PRIOR FILING DATE: 1998-04-15
;	PRIOR APPLICATION NUMBER: 60/082568
;	PRIOR FILING DATE: 1998-04-21
;	PRIOR APPLICATION NUMBER: 60/082569
;	PRIOR FILING DATE: 1998-04-21
;	PRIOR APPLICATION NUMBER: 60/082704
;	PRIOR FILING DATE: 1998-04-22
;	PRIOR APPLICATION NUMBER: 60/082804
;	PRIOR FILING DATE: 1998-04-22
;	PRIOR APPLICATION NUMBER: 60/082700
;	PRIOR FILING DATE: 1998-04-22
;	PRIOR APPLICATION NUMBER: 60/082797
;	PRIOR FILING DATE: 1998-04-22
;	PRIOR APPLICATION NUMBER: 60/082796
;	PRIOR FILING DATE: 1998-04-23
;	PRIOR APPLICATION NUMBER: 60/083336
;	PRIOR FILING DATE: 1998-04-27
;	PRIOR APPLICATION NUMBER: 60/083322
;	PRIOR FILING DATE: 1998-04-28
;	PRIOR APPLICATION NUMBER: 60/083392
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083495
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083496
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083499
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083545
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083554
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083558
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083559
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083500
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083742
;	PRIOR FILING DATE: 1998-04-30
;	PRIOR APPLICATION NUMBER: 60/084366
;	PRIOR FILING DATE: 1998-05-05
;	PRIOR APPLICATION NUMBER: 60/084414
;	PRIOR FILING DATE: 1998-05-06
;	PRIOR APPLICATION NUMBER: 60/084441
;	PRIOR FILING DATE: 1998-05-06
;	PRIOR APPLICATION NUMBER: 60/084637
;	PRIOR FILING DATE: 1998-05-07
;	PRIOR APPLICATION NUMBER: 60/084639
;	PRIOR FILING DATE: 1998-05-07
;	PRIOR APPLICATION NUMBER: 60/084640
;	PRIOR FILING DATE: 1998-05-07
;	PRIOR APPLICATION NUMBER: 60/084598
;	PRIOR FILING DATE: 1998-05-07
;	PRIOR APPLICATION NUMBER: 60/084600
;	PRIOR FILING DATE: 1998-05-07
;	PRIOR APPLICATION NUMBER: 60/084627
;	PRIOR FILING DATE: 1998-05-07
;	PRIOR APPLICATION NUMBER: 60/084643

[illegible]

Db 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCCTCTCGGTGATGGTATTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCCTCTCGGTGATGGTATTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTTG 960
Db 901 GGTGACTTGGAGTTTATGATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 23

US-09-978-188A-329
Sequence 329, Application US/09978188A

Publication NO. US20030139328A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C8
; CURRENT APPLICATION NUMBER: US/09/978,188A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338

; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAACCCCTCCGAGAAAAACAGCAACAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAACCCCTCCGAGAAAAACAGCAACAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGCGCGGAGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCG 120
Db 61 GGGAAACAAGATGGCGCGCGGAGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCG 120

QY 121 CCGCTGCTGCTGACCATGGCCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGACCATGGCCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTGGCCACCGGSCCTGTGAGTTGACCTACCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTGGCCACCGGSCCTGTGAGTTGACCTACCC 240

QY 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTT 300
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTT 300

QY 301 TCAATTTGTCAGTTTGGTATGATGGAATTGACTTAAATCGAACTAAATTGGAATGTGAA 360
Db 301 TCAATTTGTCAGTTTGGTATGATGGAATTGACTTAAATCGAACTAAATTGGAATGTGAA 360

QY 361 TCTGCATGTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

QY 421 CAGAAATCAGTGCCTTCCGTAATCTGAGCAAGAAACAATTATGTCCTGATGCCAAA 480
Db 421 CAGAAATCAGTGCCTTCCGTAATCTGAGCAAGAAACAATTATGTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTCTCTAACTCTGAGGAGTCAATCTGAGTGCATGATGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGAGGAGTCAATCTGAGTGCATGATGGACTCC 540

QY 541 GCACAGAGCTTCAATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600
Db 541 GCACAGAGCTTCAATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660

QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780

Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCCTCTCGGTGATGGTATTGCTTTGGATTTGT 840
QY 841 TGTCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 25

US-09-978-194A-329

; Sequence 329, Application US/09978194A

; Publication No. US20030195333A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C10

; CURRENT APPLICATION NUMBER: US/09/978,194A

; CURRENT FILING DATE: 2001-10-15

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15

;	PRIOR APPLICATION NUMBER: 60/081955
;	PRIOR FILING DATE: 1998-04-15
;	PRIOR APPLICATION NUMBER: 60/081838
;	PRIOR FILING DATE: 1998-04-15
;	PRIOR APPLICATION NUMBER: 60/082568
;	PRIOR FILING DATE: 1998-04-21
;	PRIOR APPLICATION NUMBER: 60/082569
;	PRIOR FILING DATE: 1998-04-21
;	PRIOR APPLICATION NUMBER: 60/082704
;	PRIOR FILING DATE: 1998-04-22
;	PRIOR APPLICATION NUMBER: 60/082804
;	PRIOR FILING DATE: 1998-04-22
;	PRIOR APPLICATION NUMBER: 60/082700
;	PRIOR FILING DATE: 1998-04-22
;	PRIOR APPLICATION NUMBER: 60/082797
;	PRIOR FILING DATE: 1998-04-22
;	PRIOR APPLICATION NUMBER: 60/082796
;	PRIOR FILING DATE: 1998-04-23
;	PRIOR APPLICATION NUMBER: 60/083336
;	PRIOR FILING DATE: 1998-04-27
;	PRIOR APPLICATION NUMBER: 60/083322
;	PRIOR FILING DATE: 1998-04-28
;	PRIOR APPLICATION NUMBER: 60/083392
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083495
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083496
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083499
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083545
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083554
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083558
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083559
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083500
;	PRIOR FILING DATE: 1998-04-29
;	PRIOR APPLICATION NUMBER: 60/083742
;	PRIOR FILING DATE: 1998-04-30
;	PRIOR APPLICATION NUMBER: 60/084366
;	PRIOR FILING DATE: 1998-05-05
;	PRIOR APPLICATION NUMBER: 60/084414
;	PRIOR FILING DATE: 1998-05-06
;	PRIOR APPLICATION NUMBER: 60/084441
;	PRIOR FILING DATE: 1998-05-06
;	PRIOR APPLICATION NUMBER: 60/084637
;	PRIOR FILING DATE: 1998-05-07
;	PRIOR APPLICATION NUMBER: 60/084639
;	PRIOR FILING DATE: 1998-05-07
;	PRIOR APPLICATION NUMBER: 60/084640
;	PRIOR FILING DATE: 1998-05-07
;	PRIOR APPLICATION NUMBER: 60/084598
;	PRIOR FILING DATE: 1998-05-07
;	PRIOR APPLICATION NUMBER: 60/084600
;	PRIOR FILING DATE: 1998-05-07
;	PRIOR APPLICATION NUMBER: 60/084627
;	PRIOR FILING DATE: 1998-05-07
;	PRIOR APPLICATION NUMBER: 60/084643
;	PRIOR FILING DATE: 1998-05-07
;	PRIOR APPLICATION NUMBER: 60/085339
;	PRIOR FILING DATE: 1998-05-13
;	PRIOR APPLICATION NUMBER: 60/085338
;	PRIOR FILING DATE: 1998-05-13
;	PRIOR APPLICATION NUMBER: 60/085323
;	PRIOR FILING DATE: 1998-05-13
;	PRIOR APPLICATION NUMBER: 60/085582
;	PRIOR FILING DATE: 1998-05-15
;	PRIOR APPLICATION NUMBER: 60/085700
;	PRIOR FILING DATE: 1998-05-15
;	PRIOR APPLICATION NUMBER: 60/085689

PRIOR FILING DATE: 1998-05-15		Query Match	Score 1174;	DB 10;	Length 1174;
PRIOR APPLICATION NUMBER: 60/085579		Best Local Similarity	100.0%;	Pred. No. 0;	
PRIOR FILING DATE: 1998-05-15		Matches 1174;	Conservative 0;	Mismatches 0;	Indels 0; Gaps 0;
PRIOR APPLICATION NUMBER: 60/085580					
PRIOR FILING DATE: 1998-05-15					
PRIOR APPLICATION NUMBER: 60/085573					
PRIOR FILING DATE: 1998-05-15					
PRIOR APPLICATION NUMBER: 60/085704					
PRIOR FILING DATE: 1998-05-15					
PRIOR APPLICATION NUMBER: 60/085697					
QY	1	CGGACGCGTGGGGAAACCCCTTCCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG	60		
DB	1	CGGACGCGTGGGGAAACCCCTTCCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG	60		
QY	61	GGGAACAAGATGGCGCGCCGGAAGGGAGGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG	120		
DB	61	GGGAACAAGATGGCGCGCCGGAAGGGAGGCTCTGGGTGAGGACCCCAACTGGGGCTCCCG	120		
QY	121	CCGCTGCTGCTGACCATGGCCCTTGCCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA	180		
DB	121	CCGCTGCTGCTGACCATGGCCCTTGCCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA	180		
QY	181	TTTGACTCGGTCTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCAGTTGACCTACCCC	240		
DB	181	TTTGACTCGGTCTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCAGTTGACCTACCCC	240		
QY	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTCACGCATGTCAGAGAGGTTGCAGGCTGTTT	300		
DB	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTCACGCATGTCAGAGAGGTTGCAGGCTGTTT	300		
QY	301	TCAATTTGTGAGTTTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA	360		
DB	301	TCAATTTGTGAGTTTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA	360		
QY	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC	420		
DB	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC	420		
QY	421	CAGAAATCAGCTGCCATTCCCTGAACTGACACAAGAAACAACTTATGCTCCCTGATGCCAAA	480		
DB	421	CAGAAATCAGCTGCCATTCCCTGAACTGACACAAGAAACAACTTATGCTCCCTGATGCCAAA	480		
QY	481	ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCACTCTGGAGTGAATGATGACTCC	540		
DB	481	ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCACTCTGGAGTGAATGATGACTCC	540		
QY	541	GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA	600		
DB	541	GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA	600		
QY	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCTACA	660		
DB	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCTACA	660		
QY	661	AATTTGAGAGAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG	720		
DB	661	AATTTGAGAGAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG	720		
QY	721	CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAC	780		
DB	721	CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAC	780		
QY	781	TCTGGGTGGATTTTAACTACAACCTCTTGTCCCTCTCGGTGATGTAATGCTTTGGATTTGT	840		
DB	781	TCTGGGTGGATTTTAACTACAACCTCTTGTCCCTCTCGGTGATGTAATGCTTTGGATTTGT	840		
QY	841	TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT	900		

Db 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATTGGATATAGGCGCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATTGGATATAGGCGCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 26

US-09-999-829A-329

; Sequence 329, Application US/09999829A

; Publication No. US20030195344A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C61

; CURRENT APPLICATION NUMBER: US/09/999,829A

; CURRENT FILING DATE: 2002-03-19

; NUMBER OF SEQ ID NOS: 624

; Prior Application removed - See File Wrapper or Palm

; SEQ ID NO 329

; LENGTH: 1174

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-999-829A-329

Query Match

Best Local Similarity 100.0%; Score 1174; DB 10; Length 1174;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 CGGACGCTGGGGGAAACCCCTTCCGAGAAAACAGCAACAGCTGAGCTGTGACAGAG 60

Db 1 CGGACGCTGGGGGAAACCCCTTCCGAGAAAACAGCAACAGCTGAGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCCGAGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGAGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTGCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTGCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGCTCTGGGTGATACGGCGCTCTTGGCCACCGGGCCCTGTCACTTGACCTACCCC 240
Db 181 TTTGACTCGGCTCTGGGTGATACGGCGCTCTTGGCCACCGGGCCCTGTCACTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACCGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACCGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCAAGTTTGTGGATGATGGAATTTGACTTAAATCGAATTAATTTGGAATGTGAA 360
Db 301 TCAATTTGTCAAGTTTGTGGATGATGGAATTTGACTTAAATCGAATTAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAATGAGACAAGAAACAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAATGAGACAAGAAACAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTTAACTCTGGTGGAGGTCATCTTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTCTTAACTCTGGTGGAGGTCATCTTGGAGTGACATGAGACTCC 540
QY 541 GCACAGAGCTTCAATAACCTCTTCAATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCAATAACCTCTTCAATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAAGAGTGTGCTCTCGGTGATGTTTGAATTTGT 780
Db 721 CACAGGAATTTTCTTGAAGATGGAAGAGTGTGCTCTCGGTGATGTTTGAATTTGT 780
QY 781 TCTGGGTGATTTTAACTACAACCTCTTCTCTCGGTGATGTTTGAATTTGT 840
Db 781 TCTGGGTGATTTTAACTACAACCTCTTCTCTCGGTGATGTTTGAATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATTGGATATAGGCGCTTAAGAAATCA 1140


```
Db 1081 AATCCACTCTCATAGAGCTTTTAAATGGTTTCATTCGATATAGGCCTTAAGAAATCA 1140
;
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
QY 1141 CTATAAATGCAAAATAAAGTTTACTCAAAATCTGTG 1174
;
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
Db 1141 CTATAAATGCAAAATAAAGTTTACTCAAAATCTGTG 1174
;
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
;

RESULT 27
US-09-978-299A-329
; Sequence 329, Application US/09978299A
; Publication No. US20030199435A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PlC3
; CURRENT APPLICATION NUMBER: US/09/978,299A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
```


Db 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 28

US-09-978-544A-329

; Sequence 329, Application US/09978544A

; Publication No. US20030199436A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C13

; CURRENT APPLICATION NUMBER: US/09/978,544A

; CURRENT FILING DATE: 2002-03-19

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077791

; PRIOR FILING DATE: 1998-03-12

; PRIOR APPLICATION NUMBER: 60/078004

; PRIOR FILING DATE: 1998-03-13

; PRIOR APPLICATION NUMBER: 60/078886

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078936

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078939

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/079294

; PRIOR FILING DATE: 1998-03-25

; PRIOR APPLICATION NUMBER: 60/079656

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: 60/079664

; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079689

; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079663

; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079728

; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079786

; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079920

; PRIOR FILING DATE: 1998-03-30

; PRIOR APPLICATION NUMBER: 60/079923

; PRIOR FILING DATE: 1998-03-30

; PRIOR APPLICATION NUMBER: 60/080105

; PRIOR FILING DATE: 1998-03-31

; PRIOR APPLICATION NUMBER: 60/080107

; PRIOR FILING DATE: 1998-03-31

; PRIOR APPLICATION NUMBER: 60/080165

; PRIOR FILING DATE: 1998-03-31

; PRIOR APPLICATION NUMBER: 60/080194

; PRIOR FILING DATE: 1998-03-31

; PRIOR APPLICATION NUMBER: 60/080327

; PRIOR FILING DATE: 1998-04-01

; PRIOR APPLICATION NUMBER: 60/080328

; PRIOR FILING DATE: 1998-04-01

; PRIOR APPLICATION NUMBER: 60/080333

; PRIOR FILING DATE: 1998-04-01

; PRIOR APPLICATION NUMBER: 60/080334

; PRIOR FILING DATE: 1998-04-01

; PRIOR APPLICATION NUMBER: 60/081070

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081049

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081071

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081229

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081955

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081817

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081819

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081952

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081838

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/082568

; PRIOR FILING DATE: 1998-04-21

; PRIOR APPLICATION NUMBER: 60/082569

; PRIOR FILING DATE: 1998-04-21

; PRIOR APPLICATION NUMBER: 60/082704

; PRIOR FILING DATE: 1998-04-22

; PRIOR APPLICATION NUMBER: 60/082804

; PRIOR FILING DATE: 1998-04-22

; PRIOR APPLICATION NUMBER: 60/082700

; PRIOR FILING DATE: 1998-04-22

; PRIOR APPLICATION NUMBER: 60/082797

; PRIOR FILING DATE: 1998-04-22

; PRIOR APPLICATION NUMBER: 60/082796

; PRIOR FILING DATE: 1998-04-23

; PRIOR APPLICATION NUMBER: 60/083336

; PRIOR FILING DATE: 1998-04-27

; PRIOR APPLICATION NUMBER: 60/083322

; PRIOR FILING DATE: 1998-04-28

; PRIOR APPLICATION NUMBER: 60/083392

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCGTGGGGAAACCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db |||||

Qy 61 GGGAAACAAGATGGCGGCGCGGAGGAGCCTCTGGGTGAGGACCAACTGGGGCTCCCG 120
Db |||||

Qy 61 GGGAAACAAGATGGCGGCGCGGAGGAGCCTCTGGGTGAGGACCAACTGGGGCTCCCG 120
Db |||||

Qy 121 CCCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGGACCGCTTCGGCTGAAGCA 180

Db |||||
121 CCCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGGACCGCTTCGGCTGAAGCA 180

Qy |||||
181 TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
Db |||||
181 TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240

Qy |||||
241 TTGCACACCTACCCCTAAGAAAGAGGAGTTGTGACGCATGTGACGAGGTTGACGGCTGTTT 300
Db |||||
241 TTGCACACCTACCCCTAAGAAAGAGGAGTTGTGACGCATGTGACGAGGTTGACGGCTGTTT 300

Qy |||||
301 TCAATTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db |||||
301 TCAATTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360

Qy |||||
361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db |||||
361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

Qy |||||
421 CAGAATCAGCTGCCATTCCGCTGAACCTGAGACAGAAACAACCTTATGTCCCTGATGCCAAA 480
Db |||||
421 CAGAATCAGCTGCCATTCCGCTGAACCTGAGACAGAAACAACCTTATGTCCCTGATGCCAAA 480

Qy |||||
481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGTCAATCTCTGGAGTGACATGAGACTCC 540
Db |||||
481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGTCAATCTCTGGAGTGACATGAGACTCC 540

Qy |||||
541 GCACAGAGCTTCATAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Db |||||
541 GCACAGAGCTTCATAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600

Qy |||||
601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGACCAACCATTTGGAGCAGGAGCTACA 660
Db |||||
601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGACCAACCATTTGGAGCAGGAGCTACA 660

Qy |||||
661 AATTTGAGAGAATCATCTTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db |||||
661 AATTTGAGAGAATCATCTTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720

Qy |||||
721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db |||||
721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC 780

Qy |||||
781 TCTGGGTGGATTTTAACTACAACCTCTTGCTCTCTCGGTGATGGTATGCTTTGGATTGT 840
Db |||||
781 TCTGGGTGGATTTTAACTACAACCTCTTGCTCTCTCGGTGATGGTATGCTTTGGATTGT 840

Qy |||||
841 TGTCGAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db |||||
841 TGTCGAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900

Qy |||||
901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db |||||
901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960

Qy |||||
961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db |||||
961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020

Qy |||||
1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db |||||
1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080

Qy |||||
1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA 1140
Db |||||
1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA 1140

Qy |||||
1141 CTATAAATGCAAAATAAGTTACTCAAATCTGTG 1174
Db |||||
1141 CTATAAATGCAAAATAAGTTACTCAAATCTGTG 1174

RESULT 29

US-09-978-665A-329
; Sequence 329, Application US/09978665A
; Publication No. US20030199437A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C19
; CURRENT APPLICATION NUMBER: US/09/978,665A
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 10; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCCGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCCGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGGCACCGGGCCCTGTGACCTGACCTACCCC 240

Db 181 TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGGCACCGGGCCCTGTGACCTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGACGCATGTGACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGACGCATGTGACAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGTGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCCATCTTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCCATCTTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCCGCTGAACCTGAGACAGCAACAACCTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTCCGCTGAACCTGAGACAGCAACAACCTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGTCAATCTCTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGTCAATCTCTGGAGTGACATGAGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACCATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACCATTTGGAGCAGGAGCTTACA 660
QY 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTTACAACTCTTGTCTCTCTCGGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTTACAACTCTTGTCTCTCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
QY 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAATCTGTG 1174

RESULT 30
US-09-978-802A-329
; Sequence 329, Application US/09978802A
; Publication No. US20030199674A1
; GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey J.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C20
CURRENT APPLICATION NUMBER: US/09/978,802A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728

;
PRIOR FILING DATE: 1998-03-27
;
PRIOR APPLICATION NUMBER: 60/079786
;
PRIOR FILING DATE: 1998-03-27
;
PRIOR APPLICATION NUMBER: 60/079920
;
PRIOR FILING DATE: 1998-03-30
;
PRIOR APPLICATION NUMBER: 60/079923
;
PRIOR FILING DATE: 1998-03-30
;
PRIOR APPLICATION NUMBER: 60/080105
;
PRIOR FILING DATE: 1998-03-31
;
PRIOR APPLICATION NUMBER: 60/080107
;
PRIOR FILING DATE: 1998-03-31
;
PRIOR APPLICATION NUMBER: 60/080165
;
PRIOR FILING DATE: 1998-03-31
;
PRIOR APPLICATION NUMBER: 60/080194
;
PRIOR FILING DATE: 1998-03-31
;
PRIOR APPLICATION NUMBER: 60/080327
;
PRIOR FILING DATE: 1998-04-01
;
PRIOR APPLICATION NUMBER: 60/080328
;
PRIOR FILING DATE: 1998-04-01
;
PRIOR APPLICATION NUMBER: 60/080333
;
PRIOR FILING DATE: 1998-04-01
;
PRIOR APPLICATION NUMBER: 60/080334
;
PRIOR FILING DATE: 1998-04-01
;
PRIOR APPLICATION NUMBER: 60/081070
;
PRIOR FILING DATE: 1998-04-08
;
PRIOR APPLICATION NUMBER: 60/081049
;
PRIOR FILING DATE: 1998-04-08
;
PRIOR APPLICATION NUMBER: 60/081071
;
PRIOR FILING DATE: 1998-04-08
;
PRIOR APPLICATION NUMBER: 60/081195
;
PRIOR FILING DATE: 1998-04-08
;
PRIOR APPLICATION NUMBER: 60/081203
;
PRIOR FILING DATE: 1998-04-09
;
PRIOR APPLICATION NUMBER: 60/081229
;
PRIOR FILING DATE: 1998-04-09
;
PRIOR APPLICATION NUMBER: 60/081955
;
PRIOR FILING DATE: 1998-04-15
;
PRIOR APPLICATION NUMBER: 60/081817
;
PRIOR FILING DATE: 1998-04-15
;
PRIOR APPLICATION NUMBER: 60/081819
;
PRIOR FILING DATE: 1998-04-15
;
PRIOR APPLICATION NUMBER: 60/081952
;
PRIOR FILING DATE: 1998-04-15
;
PRIOR APPLICATION NUMBER: 60/081838
;
PRIOR FILING DATE: 1998-04-15
;
PRIOR APPLICATION NUMBER: 60/082568
;
PRIOR FILING DATE: 1998-04-21
;
PRIOR APPLICATION NUMBER: 60/082569
;
PRIOR FILING DATE: 1998-04-21
;
PRIOR APPLICATION NUMBER: 60/082704
;
PRIOR FILING DATE: 1998-04-22
;
PRIOR APPLICATION NUMBER: 60/082804
;
PRIOR FILING DATE: 1998-04-22
;
PRIOR APPLICATION NUMBER: 60/082700
;
PRIOR FILING DATE: 1998-04-22
;
PRIOR APPLICATION NUMBER: 60/082797
;
PRIOR FILING DATE: 1998-04-22
;
PRIOR APPLICATION NUMBER: 60/082796
;
PRIOR FILING DATE: 1998-04-23
;
PRIOR APPLICATION NUMBER: 60/083336
;
PRIOR FILING DATE: 1998-04-27
;
PRIOR APPLICATION NUMBER: 60/083322
;
PRIOR FILING DATE: 1998-04-28
;
PRIOR APPLICATION NUMBER: 60/083392
;
PRIOR FILING DATE: 1998-04-29
;
PRIOR APPLICATION NUMBER: 60/083495
;
PRIOR FILING DATE: 1998-04-29
;
PRIOR APPLICATION NUMBER: 60/083496
;
PRIOR FILING DATE: 1998-04-29
;
PRIOR APPLICATION NUMBER: 60/083499
;
PRIOR FILING DATE: 1998-04-29
;
PRIOR APPLICATION NUMBER: 60/083545
;
PRIOR FILING DATE: 1998-04-29

;	PRIOR APPLICATION NUMBER: 60/083554	
;	PRIOR FILING DATE: 1998-04-29	
;	PRIOR APPLICATION NUMBER: 60/083558	
;	PRIOR FILING DATE: 1998-04-29	
;	PRIOR APPLICATION NUMBER: 60/083559	
;	PRIOR FILING DATE: 1998-04-29	
;	PRIOR APPLICATION NUMBER: 60/083500	
;	PRIOR FILING DATE: 1998-04-29	
;	PRIOR APPLICATION NUMBER: 60/083742	
;	PRIOR FILING DATE: 1998-04-30	
;	PRIOR APPLICATION NUMBER: 60/084366	
;	PRIOR FILING DATE: 1998-05-05	
;	PRIOR APPLICATION NUMBER: 60/084414	
;	PRIOR FILING DATE: 1998-05-06	
;	PRIOR APPLICATION NUMBER: 60/084441	
;	PRIOR FILING DATE: 1998-05-06	
;	PRIOR APPLICATION NUMBER: 60/084637	
;	PRIOR FILING DATE: 1998-05-07	
;	PRIOR APPLICATION NUMBER: 60/084639	
;	PRIOR FILING DATE: 1998-05-07	
;	PRIOR APPLICATION NUMBER: 60/084640	
;	PRIOR FILING DATE: 1998-05-07	
;	PRIOR APPLICATION NUMBER: 60/084598	
;	PRIOR FILING DATE: 1998-05-07	
;	PRIOR APPLICATION NUMBER: 60/084600	
;	PRIOR FILING DATE: 1998-05-07	
;	PRIOR APPLICATION NUMBER: 60/084627	
;	PRIOR FILING DATE: 1998-05-07	
;	PRIOR APPLICATION NUMBER: 60/084643	
;	PRIOR FILING DATE: 1998-05-07	
;	PRIOR APPLICATION NUMBER: 60/085339	
;	PRIOR FILING DATE: 1998-05-13	
;	PRIOR APPLICATION NUMBER: 60/085338	
;	PRIOR FILING DATE: 1998-05-13	
;	PRIOR APPLICATION NUMBER: 60/085323	
;	PRIOR FILING DATE: 1998-05-13	
;	PRIOR APPLICATION NUMBER: 60/085582	
;	PRIOR FILING DATE: 1998-05-15	
;	PRIOR APPLICATION NUMBER: 60/085700	
;	PRIOR FILING DATE: 1998-05-15	
;	PRIOR APPLICATION NUMBER: 60/085689	
;	PRIOR FILING DATE: 1998-05-15	
;	PRIOR APPLICATION NUMBER: 60/085579	
;	PRIOR FILING DATE: 1998-05-15	
;	PRIOR APPLICATION NUMBER: 60/085580	
;	PRIOR FILING DATE: 1998-05-15	
;	PRIOR APPLICATION NUMBER: 60/085573	
;	PRIOR FILING DATE: 1998-05-15	
;	PRIOR APPLICATION NUMBER: 60/085704	
;	PRIOR FILING DATE: 1998-05-15	
;	PRIOR APPLICATION NUMBER: 60/085697	

Db	241	TTGCACACCTTACCCTTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTTGCAGGCTGTTT	300
Qy	301	TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA	360
Db	301	TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA	360
Qy	361	TCTGCAATGTACAGAAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTTGGTTGC	420
Db	361	TCTGCAATGTACAGAAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTTGGTTGC	420
Qy	421	CAGAATCAGCTGCCATTTCGCTGAACTGAGACAAGAACCAACTTATGTCCCTGATGCCAAA	480
Db	421	CAGAATCAGCTGCCATTTCGCTGAACTGAGACAAGAACCAACTTATGTCCCTGATGCCAAA	480
Qy	481	ATGCACCTACTCTTTTCCCTAACTCTGGTGAGGTCAITCTGGAGTGACATGATGGACTCC	540
Db	481	ATGCACCTACTCTTTTCCCTAACTCTGGTGAGGTCAITCTGGAGTGACATGATGGACTCC	540
Qy	541	GCACAGAGCTTTCATAAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAA	600
Db	541	GCACAGAGCTTTCATAAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAA	600
Qy	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGACCTACA	660
Db	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGACCTACA	660
Qy	661	AATTTGAGAGAAATCATCTCTAAGCAAAATGTCCATCTGCAAAATGAGAAATTCACAAGCG	720
Db	661	AATTTGAGAGAAATCATCTCTAAGCAAAATGTCCATCTGCAAAATGAGAAATTCACAAGCG	720
Qy	721	CACAGGAATTTCTTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC	780
Db	721	CACAGGAATTTCTTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC	780
Qy	781	TCTGGTGGAATTTAACTACAACCTTTGTCCCTCTCGGTGATGGTATTGCTTTGGATTTGT	840
Db	781	TCTGGTGGAATTTAACTACAACCTTTGTCCCTCTCGGTGATGGTATTGCTTTGGATTTGT	840
Qy	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT	900
Db	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT	900
Qy	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG	960
Db	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG	960
Qy	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT	1020
Db	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT	1020
Qy	1021	CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA	1080
Db	1021	CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA	1080
Qy	1081	AATTCACACTCCCTCATAGAGCTTTTAAAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA	1140
Db	1081	AATTCACACTCCCTCATAGAGCTTTTAAAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA	1140
Qy	1141	CTATAAAATGCAATAAAGTTACTCAAAATCTGTG	1174
Db	1141	CTATAAAATGCAATAAAGTTACTCAAAATCTGTG	1174

241	TTGGCA	CACCTAC	CCCTAAG	GAAGGAG	TTGTAC	GCATGT	GCAGAG	AGTTGC	AGGCTG	TTT	300	
181	TTTGACT	CGGTCT	TTGGGTG	TATAC	GGCGCT	CTTTGC	CACCGG	CGCTTC	CAGTTG	ACCTAC	CCCC	240
181	TTTGACT	CGGTCT	TTGGGTG	TATAC	GGCGCT	CTTTGC	CACCGG	CGCTTC	CAGTTG	ACCTAC	CCCC	240
121	CCGCTG	CTGCTG	CTGAC	CCATGG	CGCTTTGG	CCCGGAG	AGTTTCGG	GGACCG	CGCTTC	CGGCTG	AAAGCA	180
121	CCGCTG	CTGCTG	CTGAC	CCATGG	CGCTTTGG	CCCGGAG	AGTTTCGG	GGACCG	CGCTTC	CGGCTG	AAAGCA	180
241	TTGGCA	CACCTAC	CCCTAAG	GAAGGAG	TTGTAC	GCATGT	GCAGAG	AGTTGC	AGGCTG	TTT	300	
181	TTTGACT	CGGTCT	TTGGGTG	TATAC	GGCGCT	CTTTGC	CACCGG	CGCTTC	CAGTTG	ACCTAC	CCCC	240
181	TTTGACT	CGGTCT	TTGGGTG	TATAC	GGCGCT	CTTTGC	CACCGG	CGCTTC	CAGTTG	ACCTAC	CCCC	240
121	CCGCTG	CTGCTG	CTGAC	CCATGG	CGCTTTGG	CCCGGAG	AGTTTCGG	GGACCG	CGCTTC	CGGCTG	AAAGCA	180
121	CCGCTG	CTGCTG	CTGAC	CCATGG	CGCTTTGG	CCCGGAG	AGTTTCGG	GGACCG	CGCTTC	CGGCTG	AAAGCA	180
241	TTGGCA	CACCTAC	CCCTAAG	GAAGGAG	TTGTAC	GCATGT	GCAGAG	AGTTGC	AGGCTG	TTT	300	

```

; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C345
; CURRENT APPLICATION NUMBER: US/10/147,493
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-147-493-271

Query Match      100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db      1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60

QY      61 GGGAAACAAGATGGCGGCCCGAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db      61 GGGAAACAAGATGGCGGCCCGAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

QY      121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGGTGAAGCA 180
Db      121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGGTGAAGCA 180

QY      181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGGCCCTGTGAGTTGACCTACCCC 240
Db      181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGGCCCTGTGAGTTGACCTACCCC 240

QY      241 TTGCACACCTACCCCTAAGGAAGAGGAGTGTACGCATGTGCAGAGAGGTTGCAGGCTGTTT 300
Db      241 TTGCACACCTACCCCTAAGGAAGAGGAGTGTACGCATGTGCAGAGAGGTTGCAGGCTGTTT 300

QY      301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db      301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360

QY      361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db      361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

QY      421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
Db      421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480

QY      481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGACTCC 540
Db      481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGACTCC 540

QY      541 GCACAGAGCTTCATTAACCTCTTCAATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db      541 GCACAGAGCTTCATTAACCTCTTCAATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600

QY      601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTACA 660
Db      601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTACA 660
```

```

QY      661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAATGAGAAATTCACAAGCG 720
Db      661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAATGAGAAATTCACAAGCG 720

QY      721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db      721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780

QY      781 TCTGGGTGGATTTTAAACTACAACCTCTTCTCCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db      781 TCTGGGTGGATTTTAAACTACAACCTCTTCTCCTCTCGGTGATGGTATTGCTTTGGATTGT 840

QY      841 TGTCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db      841 TGTCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900

QY      901 GGTGACTTGGAGTTTATGAATGAACAAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db      901 GGTGACTTGGAGTTTATGAATGAACAAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960

QY      961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTTACCTACAAAAGTGAAT 1020
Db      961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTTACCTACAAAAGTGAAT 1020

QY      1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db      1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

QY      1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA 1140
Db      1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA 1140

QY      1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db      1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
```

RESULT 32

```

US-10-164-749A-329
; Sequence 329, Application US/10164749A
; Publication No. US20040029218A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C60
```


; CURRENT APPLICATION NUMBER: US/10/164,749A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-164-749A-329

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGGCGCGGAAGGGAGCGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAAGGGAGCGCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGACCATGGCCCTTGGCCGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGACCATGGCCCTTGGCCGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCACCGGCGCTGTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCACCGGCGCTGTCAGTTGACCTACCCC 240
Qy 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTAGCATGTGCAGAGAGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTAGCATGTGCAGAGAGTTGCAGGCTGTTT 300
Qy 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Qy 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCTATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCTATCTTGGTTGC 420
Qy 421 CAGATCAGCTGCCATTCTCGTGAACCTGAGACAGAACAACTTATGCTCCCTGATGCCAAA 480
Db 421 CAGATCAGCTGCCATTCTCGTGAACCTGAGACAGAACAACTTATGCTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTTTCTCTTAACCTCTGGTGAGGTCATTTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTTCTCTTAACCTCTGGTGAGGTCATTTCTGGAGTGACATGATGGACTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600

Qy 601 GTTATATTCAGTCTAAGCCAGAAAATCCAGTAGCCACACATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAAATCCAGTAGCCACACATTTGGAGCAGGAGCTTACA 660
Qy 661 AATTGAGAGAAATCATCTTAAGCAAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTTAAGCAAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Qy 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGGATTGT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTCTTGTG 960
Qy 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Qy 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAAATGCAAAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAATCTGTG 1174

RESULT 33
US-10-145-127-271
; Sequence 271, Application US/10145127
; Publication No. US20040033558A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C252
; CURRENT APPLICATION NUMBER: US/10/145,127
; CURRENT FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174

TYPE: DNA
ORGANISM: Homo Sapien
US-10-145-127-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGGAAACCCCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCTGGGGAAACCCCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCGCCGGAAGGGGAGCCCTCTGGGTGAGCAACCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGGAAGGGGAGCCCTCTGGGTGAGCAACCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACCGGCGTCTTGCCACCGGGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACCGGCGTCTTGCCACCGGGCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCGATGTGACAGAGGTTGCAGGCTGTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCGATGTGACAGAGGTTGCAGGCTGTT 300

QY 301 TCAATTTGTGAGTTGTGATGATGGAATTGACTTAAATCGAATAAATTGGAAATGTGAA 360
Db 301 TCAATTTGTGAGTTGTGATGATGGAATTGACTTAAATCGAATAAATTGGAAATGTGAA 360

QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTCCATCTTGGTTGC 420

QY 421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAGAAACAACTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAGAAACAACTTATGTCCCTGATGCCAAAA 480

QY 481 ATGCACCTACTCTTCTCTAACTCTGAGGAGTCAATCTGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGAGGAGTCAATCTGAGTGACATGATGGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCAATGGAATTTTATCTTCAAGCCGATGACGGAATAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCAATGGAATTTTATCTTCAAGCCGATGACGGAATAATA 600

QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTACA 660

QY 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCCTCTCTCTTAAC 780

QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840

QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960

QY 961 GTTGTTAGATCTAAACTGAAGATCATATGAAGAGCAGGGCCCTTACCTACAAAAGTGAAT 1020

Db 961 GTTGTTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCATTTCTGAATTTTAAGCAATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAATTTTAAGCAATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCCACTCTCTAPAGAGCTTTTAAATGGTTCATTGGATATAGGCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCTCTAPAGAGCTTTTAAATGGTTCATTGGATATAGGCCTTAAGAAATCA 1140

QY 1141 CTATAAAATGCAATAAAGTTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAATAAAGTTTACTCAAAATCTGTG 1174

RESULT 34
US-10-160-503-271
; Sequence 271, Application US/10160503
; Publication No. US20040033559A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C446
; CURRENT APPLICATION NUMBER: US/10/160,503
; CURRENT FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-160-503-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGGAAACCCCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCTGGGGAAACCCCTTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCGCCGGAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGGAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCAGGTTTCGGGGACCGCTTCGGCTGAAGCA 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCAGGTTTCGGGGACCGCTTCGGCTGAAGCA 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTAGCATGTGACAGAGGTTGCAGGCTGTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTAGCATGTGACAGAGGTTGCAGGCTGTT 300

QY 301 TCAATTTGTGAGTTTGTGGATGATGGAATGACTTAAATCGAACTAAATGGAATGTGAA 360
Db |||||
301 TCAATTTGTGAGTTTGTGGATGATGGAATGACTTAAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db |||||
361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
Db |||||
421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGAGTGACATGAGTCC 540
Db |||||
481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGAGTGACATGAGTCC 540
QY 541 GCACAGAGCTTCATAAACCCTTTTCACTGGACTTTTATCTTCAAGCCGATGACGAAAAATA 600
Db |||||
541 GCACAGAGCTTCATAAACCCTTTTCACTGGACTTTTATCTTCAAGCCGATGACGAAAAATA 600
QY 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTGGAGCAGGACCTACA 660
Db |||||
601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTGGAGCAGGACCTACA 660
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
Db |||||
661 AATTTGAGAGAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGTGCCTCTCTCTTAAC 780
Db |||||
721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGTGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840
Db |||||
781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db |||||
841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAGACAGATATCCAGTCTTCTCTTGTG 960
Db |||||
901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAGACAGATATCCAGTCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAGTGAAT 1020
Db |||||
961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Db |||||
1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAGAAATCA 1140
Db |||||
1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATATAAGTTTACTCAAATCTGTG 1174
Db |||||
1141 CTATAAATGCAATATAAGTTTACTCAAATCTGTG 1174

RESULT 35

US-10-143-118-271
; Sequence 271, Application US/10143118
; Publication No. US20040038335A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C228
; CURRENT APPLICATION NUMBER: US/10/143,118
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-143-118-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGGTGGGGAAACCTTCCGAGAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
Db |||||
1 CGGACCGGTGGGGAAACCTTCCGAGAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCGGAGGGAGCCCTTGGGTGAGGACCCCACTGGGGTCCCCG 120
Db |||||
61 GGGAAACAAGATGGCGCGCGGAGGGAGCCCTTGGGTGAGGACCCCACTGGGGTCCCCG 120
QY 121 CCGCTGCTGCTGACCAATGGCCCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db |||||
121 CCGCTGCTGCTGACCAATGGCCCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
Db |||||
181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGGTTGCAGGCTGTTT 300
Db |||||
241 TTGCACACTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGGATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGA 360
Db |||||
301 TCAATTTGTGAGTTTGTGGATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGA 360
QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db |||||
361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
Db |||||
421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTCTAATCTTGGTGAGGTCAATCTGAGTGACATGAGTCC 540
Db |||||
481 ATGCACCTACTCTTTCTCTAATCTTGGTGAGGTCAATCTGAGTGACATGAGTCC 540
QY 541 GCACAGAGCTTCATAAACCCTTTTCACTGGACTTTTATCTTCAAGCCGATGACGAAAAATA 600
Db |||||
541 GCACAGAGCTTCATAAACCCTTTTCACTGGACTTTTATCTTCAAGCCGATGACGAAAAATA 600
QY 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTGGAGCAGGACCTACA 660
Db |||||
601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTGGAGCAGGACCTACA 660
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720

Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTAACTACAACCTCTTGTCCCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTAACTACAACCTCTTGTCCCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Qy 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAACCAGATATCCAGCTTCTTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAACCAGATATCCAGCTTCTTCTCTTGTG 960
Qy 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGSCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGSCCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Qy 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Qy 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 36

US-10-144-993-271
; Sequence 271, Application US/10144993
; Publication No. US20040038336A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC261
; CURRENT APPLICATION NUMBER: US/10/144,993
; CURRENT FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-144-993-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGGCGCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCCTGTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCCTGTCAGTTGACCTACCCC 240
Qy 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
Qy 301 TCAATTTGTGAGTTGTGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTGTGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Qy 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Qy 421 CAGAATCAGCTGCCAATTCGCTGAACCTGAGACAAGAAACAATTTATGTCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCAATTCGCTGAACCTGAGACAAGAAACAATTTATGTCCTGATGCCAAAA 480
Qy 481 ATGCACCTACTCTTTCCCTAACTCTGAGGTCAATCTGAGTGAACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCCCTAACTCTGAGGTCAATCTGAGTGAACATGATGGACTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTACA 660
Qy 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTTCTCTTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTTCTCTTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTGCTTTGGAATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTGCTTTGGAATTTGT 840
Qy 841 TGTGCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAACAAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAACAAGATATCCAGCTTCTTCTTTGTG 960
Qy 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGSCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGSCCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080

QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db |||||||
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db |||||||
QY 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db |||||||
QY 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db |||||||

RESULT 37
US-10-158-787-271
; Sequence 271, Application US/10158787
; Publication No. US20040039164A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C449
; CURRENT APPLICATION NUMBER: US/10/158,787
; CURRENT FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-158-787-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGGCTGGGGGAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db |||||||
QY 1 CGGACGGCTGGGGGAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db |||||||

QY 61 GGGAAACAAGATGGCGCGCCGAAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db |||||||
QY 61 GGGAAACAAGATGGCGCGCCGAAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db |||||||
QY 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db |||||||
QY 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db |||||||
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCCTGCAGTTGACCTACCCC 240
Db |||||||
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
Db |||||||
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
Db |||||||
QY 301 TCAATTTGTGAGTTTGTGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGIGAA 360
Db |||||||
QY 301 TCAATTTGTGAGTTTGTGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGIGAA 360
Db |||||||
QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db |||||||
QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db |||||||
QY 421 CAGAAATCAGCTGCCATTTCGCTGAACCTGAGACAAGAAACAATTTATGTCCTGATGCCAAA 480
Db |||||||
QY 421 CAGAAATCAGCTGCCATTTCGCTGAACCTGAGACAAGAAACAATTTATGTCCTGATGCCAAA 480
Db |||||||
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATTCIGGAGTGACATGATGGACTCC 540
Db |||||||
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATTCIGGAGTGACATGATGGACTCC 540
Db |||||||
QY 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db |||||||
QY 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db |||||||
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTGGAGCAGGAGCCTACA 660
Db |||||||
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTGGAGCAGGAGCCTACA 660
Db |||||||
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db |||||||
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db |||||||
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGTGCCTCTCTCTTAAC 780
Db |||||||
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGTGCCTCTCTCTTAAC 780
Db |||||||
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840
Db |||||||
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840
Db |||||||
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db |||||||
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db |||||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
Db |||||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
Db |||||||
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db |||||||
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db |||||||
QY 1021 CTTGCTCATTCTGAAATTAAGCATTTTCTTTAAAGACAAGTGAATAGACATCTAA 1080
Db |||||||
QY 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db |||||||
QY 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db |||||||
QY 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174

Db 1141 CTATAAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 38

US-10-081-056-7
; Sequence 7, Application US/10081056
; Publication No. US20040043927A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TITL OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
; FILE REFERENCE: P3235P1C1
; CURRENT APPLICATION NUMBER: US/10/081,056
; CURRENT FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: US 09/643,657
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: US 60/230,978
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/000,000
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 09/664,610
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 60/242,922
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/709,238
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: PCT/US00/30952
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: PCT/US00/30873
; PRIOR FILING DATE: 2000-11-10
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 09/747,259
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/34956
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: US 09/767,609
; PRIOR FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: US 09/796,498

; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/06666
; PRIOR FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: US 09/802,706
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: US 09/808,689
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: US 09/816,744
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: US 09/828,366
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: US 09/854,208
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: US 09/854,280
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: US 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 09/866,034
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: PCT/US01/17092
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 09/870,574
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: PCT/US01/17443
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/00000
; PRIOR FILING DATE: 2001-06-28
; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 7
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homosapiens
US-10-081-056-7

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAACCCCTCCGAGAAAAACAGCAAGCTGAGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAACCCCTCCGAGAAAAACAGCAAGCTGAGTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGTCCCG 120

QY 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTGCCACCGGCGCTTCAGTTGACCTACCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTGCCACCGGCGCTTCAGTTGACCTACCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGTTGCAGGCTGTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGTTGCAGGCTGTT 300

QY 301 TCAATTTGTGCTGTTGGTGTGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
Db 301 TCAATTTGTGCTGTTGGTGTGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360

QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420

QY 421 CAGATCAGCTGCCATTCCGTGAACCTGAGACAAGAAACAATTATGTCTCCTGATGCCAAA 480

Db 421 CAGAAATCAGTGCCTTCTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTCTCTACTCTGCTGAGTCACTTCTGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTCTCTACTCTGCTGAGTCACTTCTGAGTGACATGAGACTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTCTATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCTATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGACCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGACCTTACA 660
Qy 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGCTTCTTAAAGATGCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGCTTCTTAAAGATGCTCTCTCTTAAC 780
Qy 781 TCTGGTGGATTTTAACTACAACCTCTGCTCTCTGCTGATGCTTCTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACCTCTGCTCTCTGCTGATGCTTCTTGGATTTGT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCTCTACCTACAAAGTGAAT 1020
Qy 1021 CTGTCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Db 1021 CTGTCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Qy 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCTTGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCTTGGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174

RESULT 39
US-09-999-831A-329
; Sequence 329, Application US/09999831A
; Publication No. US20040048332A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J

; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C68
; CURRENT APPLICATION NUMBER: US/09/999,831A
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-999-831A-329

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGGCGCCGAGAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAGAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTGCCACCGGGCCTGTCACTTACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTGCCACCGGGCCTGTCACTTACCTACCCC 240
Qy 241 TTGCACACCTACCCCTAAGAAAGAGGAGTTGTACGCATGTCAAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGAAAGAGGAGTTGTACGCATGTCAAGAGGTTGCAGGCTGTTT 300
Qy 301 TCAATTTGTGATGATGGAATTTGACTTAAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTGATGATGGAATTTGACTTAAATCGAACTAAATGGAATGTGAA 360
Qy 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Qy 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTTATGTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCATTTCTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCATTTCTGGAGTGACATGAGACTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTCTATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTCTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGACCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGACCTTACA 660
Qy 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720

Db 661 AATTGAGAGAAATCATCTTAAGCAAAATGTCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCCCTCTCGGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCCCTCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
QY 961 GTTGTTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACTACAAAAGTGAAT 1020
Db 961 GTTGTTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 40
US-10-140-024-271
; Sequence 271, Application US/10140024
; Publication No. US20040058424A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C69
; CURRENT APPLICATION NUMBER: US/10/140,024
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-024-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCGCGAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCC 120
Db 61 GGGAAACAAGATGGCGCGCGCGAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCC 120
QY 121 CCGCTGCTGCTGCTGACCATGGCTTGGCCGGAGGTTGCGGGGACCCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCTTGGCCGGAGGTTGCGGGGACCCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACGGGGCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACGGGGCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGGTTGCAAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGGTTGCAAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGGATGATGAATTTGACTTAAATCGAACTAAATTTGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGAATTTGACTTAAATCGAACTAAATTTGAATGTGAA 360
QY 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGTATGAGCAATATGTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGTATGAGCAATATGTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGTAAGTGAAGCAAGCAAGCAACTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGTAAGTGAAGCAAGCAAGCAACTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTTCCCTTAACCTCTGAGGTGATCTGAGGAGTGAATGAGTGAAGTCC 540
Db 481 ATGCACCTACTCTTTTCCCTTAACCTCTGAGGTGATCTGAGGAGTGAATGAGTGAAGTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTTCCAGTCTAAGCCAGAAATCCAGTACGCACCAACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTTCCAGTCTAAGCCAGAAATCCAGTACGCACCAACATTTGGAGCAGGAGCCTACA 660
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAAC 780
QY 781 TCTGGGTGATTTTAACTAACTGCTTGTCCCTCTCGGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGGTGATTTTAACTAACTGCTTGTCCCTCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080

QY	1081	AATTCACCTCCTCATAGAGCTTTTAAAAATGGTTTCATTGGATATATAGGCCCTTAAGAAATCA	1140
Db	1081	AATTCACCTCCTCATAGAGCTTTTAAAAATGGTTTCATTGGATATATAGGCCCTTAAGAAATCA	1140
QY	1141	CTATAAAATGCAATAAAAGTTACTCAAATCTGTG	1174
Db	1141	CTATAAAATGCAATAAAAGTTACTCAAATCTGTG	1174

RESULT 41
US-10-013-917A-329
; Sequence 329, Application US/10013917A
; Publication No. US20040063921A1

```
Query Match      100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. NO. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY	1	CGGACGCGTGGGGAAACCC	TTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG	60
Db	1	CGGACGCGTGGGGAAACCC	TTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG	60
QY	61	GGGAACAAGATGGCGCGCCG	AAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGCTCCCC	120
Db	61	GGGAACAAGATGGCGCGCCG	AAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGCTCCCC	120
QY	121	CCGCTGCTGCTGCTGACCAT	TGGCCTTGGCCGAGGTTTCGGGACCGCTTCGGCTGAAGCA	180
Db	121	CCGCTGCTGCTGCTGACCAT	TGGCCCTTGGCCGAGGTTTCGGGACCGCTTCGGCTGAAGCA	180
QY	181	TTTGACTCGGTCCTGGGTGAT	ACGSCGCTCTTGCCAACCGGGCCTGTGAGTTGACCTACCCC	240

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2630P1C75

; CURRENT APPLICATION NUMBER: US/09/999,834A

; CURRENT FILING DATE: 2001-10-24

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077791

; PRIOR FILING DATE: 1998-03-12

; PRIOR APPLICATION NUMBER: 60/078004

; PRIOR FILING DATE: 1998-03-13

; PRIOR APPLICATION NUMBER: 60/078886

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078936

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078939

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/079294

; PRIOR FILING DATE: 1998-03-25

; PRIOR APPLICATION NUMBER: 60/079656

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: 60/079664

; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079689

; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079663

; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079728

; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079786

; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079920

; PRIOR FILING DATE: 1998-03-30

; PRIOR APPLICATION NUMBER: 60/079923

; PRIOR FILING DATE: 1998-03-30

; PRIOR APPLICATION NUMBER: 60/080105

; PRIOR FILING DATE: 1998-03-31

; PRIOR APPLICATION NUMBER: 60/080107

; PRIOR FILING DATE: 1998-03-31

; PRIOR APPLICATION NUMBER: 60/080165

; PRIOR FILING DATE: 1998-03-31

; PRIOR APPLICATION NUMBER: 60/080194

; PRIOR FILING DATE: 1998-03-31

; PRIOR APPLICATION NUMBER: 60/080327

; PRIOR FILING DATE: 1998-04-01

; PRIOR APPLICATION NUMBER: 60/080328

; PRIOR FILING DATE: 1998-04-01

; PRIOR APPLICATION NUMBER: 60/080333

; PRIOR FILING DATE: 1998-04-01

; PRIOR APPLICATION NUMBER: 60/080334

; PRIOR FILING DATE: 1998-04-01

; PRIOR APPLICATION NUMBER: 60/081070

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081049

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081071

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081229

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081955

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081817

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081819

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081952

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081838

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/082568

; PRIOR FILING DATE: 1998-04-21

; PRIOR APPLICATION NUMBER: 60/082569

; PRIOR FILING DATE: 1998-04-21

; PRIOR APPLICATION NUMBER: 60/082704

; PRIOR FILING DATE: 1998-04-22

; PRIOR APPLICATION NUMBER: 60/082804

; PRIOR FILING DATE: 1998-04-22

; PRIOR APPLICATION NUMBER: 60/082700

; PRIOR FILING DATE: 1998-04-22

; PRIOR APPLICATION NUMBER: 60/082797

; PRIOR FILING DATE: 1998-04-22

; PRIOR APPLICATION NUMBER: 60/082796

; PRIOR FILING DATE: 1998-04-23

; PRIOR APPLICATION NUMBER: 60/083336

; PRIOR FILING DATE: 1998-04-27

; PRIOR APPLICATION NUMBER: 60/083322

; PRIOR FILING DATE: 1998-04-28

; PRIOR APPLICATION NUMBER: 60/083392

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/083495

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/083496

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/083499

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/083545

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/083554

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/083558

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/083559

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/083500

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/083742

; PRIOR FILING DATE: 1998-04-30

; PRIOR APPLICATION NUMBER: 60/084366

; PRIOR FILING DATE: 1998-05-05

; PRIOR APPLICATION NUMBER: 60/084414

; PRIOR FILING DATE: 1998-05-06

; PRIOR APPLICATION NUMBER: 60/084441

; PRIOR FILING DATE: 1998-05-06

; PRIOR APPLICATION NUMBER: 60/084637

; PRIOR FILING DATE: 1998-05-07

; PRIOR APPLICATION NUMBER: 60/084639

; PRIOR FILING DATE: 1998-05-07

; PRIOR APPLICATION NUMBER: 60/084640

; PRIOR FILING DATE: 1998-05-07

; PRIOR APPLICATION NUMBER: 60/084598

; PRIOR FILING DATE: 1998-05-07

; PRIOR APPLICATION NUMBER: 60/084600

; PRIOR FILING DATE: 1998-05-07

; PRIOR APPLICATION NUMBER: 60/084627

;	PRIOR FILING DATE:	1998-05-07
;	PRIOR APPLICATION NUMBER:	60/084643
;	PRIOR FILING DATE:	1998-05-07
;	PRIOR APPLICATION NUMBER:	60/085339
;	PRIOR FILING DATE:	1998-05-13
;	PRIOR APPLICATION NUMBER:	60/085338
;	PRIOR FILING DATE:	1998-05-13
;	PRIOR APPLICATION NUMBER:	60/085323
;	PRIOR FILING DATE:	1998-05-13
;	PRIOR APPLICATION NUMBER:	60/085582
;	PRIOR FILING DATE:	1998-05-15
;	PRIOR APPLICATION NUMBER:	60/085700
;	PRIOR FILING DATE:	1998-05-15
;	PRIOR APPLICATION NUMBER:	60/085689
;	PRIOR FILING DATE:	1998-05-15
;	PRIOR APPLICATION NUMBER:	60/085579
;	PRIOR FILING DATE:	1998-05-15
;	PRIOR APPLICATION NUMBER:	60/085580
;	PRIOR FILING DATE:	1998-05-15
;	PRIOR APPLICATION NUMBER:	60/085573
;	PRIOR FILING DATE:	1998-05-15
;	PRIOR APPLICATION NUMBER:	60/085704
;	PRIOR FILING DATE:	1998-05-15
;	PRIOR APPLICATION NUMBER:	60/085697

Query Match 100.0%; Score 1174; DB 13; Length 1174;

Query Match	100.0%;	Seeds 1174;	Sequences 1174;
Best Local Similarity	100.0%;	Pred. No. 0;	
Mismatches	0;		
Indels	0;		
Gaps	0;		

QY	1	CGGACGCGTGGGGAAACCTTCCGAGAAAA	CAGCAACAAGCTGAGCTGCTGTGACAGAG	60
DB	1			
QY	61	GGGAACAAGATGGCGGCCGGAAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCC	120	
DB	61			
QY	121	CCGCTGCTGCTGTGACCATGSCCTTGGCCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA	180	
DB	121			
QY	181	TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC	240	
DB	181			
QY	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT	300	
DB	241			
QY	301	TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATGTGAA	360	
DB	301			
QY	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGGCCATCTTGGTTGC	420	
DB	361			
QY	421	CAGAAATCAGCTGCCATTTCGCTGAATGAGACAAGAACAACTTATGTCCCTGATGCCAAAA	480	
DB	421			
QY	481	ATGCACCTACTCTTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC	540	
DB	481			
QY	541	GCACAGAGCTTCATAAACCTCTTCAATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA	600	
DB	541			
QY	601	GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCACCACTTTGGAGCAGGAGCCTTACA	660	
DB	601			

QY	661	AATTTGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG	720
Db	661	AATTTGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG	720
QY	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC	780
Db	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC	780
QY	781	TCTGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTTGT	840
Db	781	TCTGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTTGT	840
QY	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT	900
Db	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT	900
QY	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAAACAGATATCCAGCTTCTTCTCTGTG	960
Db	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAAACAGATATCCAGCTTCTTCTCTGTG	960
QY	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGBAGCAGGGCCCTCTACCTACAAAAGTGAAT	1020
Db	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGBAGCAGGGCCCTCTACCTACAAAAGTGAAT	1020
QY	1021	CTTGCTCATCTGAAAATTTAAGCATTTTTCTTTAAAGACAAGTGTAATAGACATCTAA	1080
Db	1021	CTTGCTCATCTGAAAATTTAAGCATTTTTCTTTAAAGACAAGTGTAATAGACATCTAA	1080
QY	1081	AATTCCTCTCTCATAGAGCTTTTAAAATGGTTTCAATTGGATATAGGCCCTTAAGAAATCA	1140
Db	1081	AATTCCTCTCTCATAGAGCTTTTAAAATGGTTTCAATTGGATATAGGCCCTTAAGAAATCA	1140
QY	1141	CTATAAAATGCAATAAAGTTACTCAAAATCTGTG	1174
Db	1141	CTATAAAATGCAATAAAGTTACTCAAAATCTGTG	1174

RESULT 44

US-10-152-405-271

US# 10-132-403-Z/1
: Sequence 271. Application US/10152405

Sequence 2/I, Application US/10
: Publication No. US20030211571A1

Publication No. US20
GENERAL INFORMATION:

APPLICANT: Baker Kevin P.

APPLICANT: BAKER, KEVIN P.

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: FLIVAROFF, ELLIOT

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E

APPLICANT: Gerritsen, Mar

APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.

APPLICANT: GODOWSKI, PAUL J.
APPLICANT: Gurney Austin L.

APPLICANT: Gurney, Austin L

APPLICANT: Sherwood, Steven
; Smith Victoria
APPLICANT:

APPLICANT: SMITH, VICTORIA
APPLICANT: STEWART, TIMOTHY A

APPLICANT: Stewart, Timot

APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin
APPLICANT: Watanabe, Colin

APPLICANT: Watanabe, Col
APPLICANT: Wood, William

APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin
; SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS

SECRETED AND TRANSMEMBRANES

; TITLE OF INVENTION: ACIDS
; REFERENCE: D333071C383

FILE REFERENCE: P3330RIC383
 CURRENT LOCATION NUMBER: US/10/153 40E

```
; CURRENT APPLICATION NUMBER: US/1
```

; CURRENT FILING DATE: 2002-05-20

; Prior Application removed

; NUMBER OF SE

; SEQ ID NO 271

```

; LENGTH: 1

```

TYPE: DNA

; ORGANISM: HOM

Query Match

100.0%; Score 1174; DB 13; Length 1174;

Query Match 100.0%; Score 1174; DB 13; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;		Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
QY	1	CGGACGGGTGGGGAAACCCCTCCGAGAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG	60
Db	1	CGGACGGGTGGGGAAACCCCTCCGAGAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG	60
QY	61	GGGAACAAGATGGCGCGCCGGAAGGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG	120
Db	61	GGGAACAAGATGGCGCGCCGGAAGGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG	120
QY	121	CCGCTGCTGCTGCTGACCATGGCCTTGGCCGAGGTTTCGGGGACCGCTTCGGCTGAAGCA	180
Db	121	CCGCTGCTGCTGCTGACCATGGCCTTGGCCGAGGTTTCGGGGACCGCTTCGGCTGAAGCA	180
QY	181	TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCACTTGAATGTGAA	240
Db	181	TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCACTTGAATGTGAA	240
QY	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT	300
Db	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT	300
QY	301	TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA	360
Db	301	TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA	360
QY	361	TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC	420
Db	361	TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC	420
QY	421	CAGAATCAGCTGCCATTCGCTGAATGAGCAAGAACAACTTATGTCCCTGATGCCAAA	480
Db	421	CAGAATCAGCTGCCATTCGCTGAATGAGCAAGAACAACTTATGTCCCTGATGCCAAA	480
QY	481	ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGGAAGCTCC	540
Db	481	ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGGAAGCTCC	540
QY	541	GCACAGAGCTTCATAACCTCTTCAATGGAATTTTATCTTCAAGCCGATGACGGAATAA	600
Db	541	GCACAGAGCTTCATAACCTCTTCAATGGAATTTTATCTTCAAGCCGATGACGGAATAA	600
QY	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACATTTGGAGCAGAGCCTACA	660
Db	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACATTTGGAGCAGAGCCTACA	660
QY	661	AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG	720
Db	661	AATTTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG	720
QY	721	CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTTTAAC	780
Db	721	CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTTTAAC	780
QY	781	TCTGGGTGGATTTTAACTACAACCTTTGTCTCCTCGGTGATGGTATTGCTTGGATTGT	840
Db	781	TCTGGGTGGATTTTAACTACAACCTTTGTCTCCTCGGTGATGGTATTGCTTGGATTGT	840
QY	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
Db	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
QY	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG	960
Db	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG	960
QY	961	GTTGTTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT	1020
Db	961	GTTGTTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT	1020
QY	1021	CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA	1080

Db	1021	CTTGCTCATTTCTGAAATTTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA	1080
QY	1081	AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTTGATATAGGCCCTTAAGAAATCA	1140
Db	1081	AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTTGATATAGGCCCTTAAGAAATCA	1140
QY	1141	CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG	1174
Db	1141	CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG	1174

RESULT 45
US-10-162-521A-329
; Sequence 329, Application US/10162521A
; Publication No. US20030211092A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC55
; CURRENT APPLICATION NUMBER: US/10/162, 521A
; CURRENT FILING DATE: 2002-11-29
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA

ORGANISM: Homo sapiens
US-10-162-521A-329

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCTTCCGAGAAAACAGCAACAAGCTGAGCTGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCTTCCGAGAAAACAGCAACAAGCTGAGCTGTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGGAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGTGACCATGGCCTTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCCTTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCACTTACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCACTTACCTACCCC 240
QY 241 TTGCACACTACCTTAAGGAAGAGGAGTTGTACGATGTCAAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACTACCTTAAGGAAGAGGAGTTGTACGATGTCAAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGGTGATGATGGAATTGACTTAATCGAATAAATTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGGTGATGATGGAATTGACTTAATCGAATAAATTGGAATGTGAA 360
QY 361 TCTGATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTTATGTCTCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTTATGTCTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCCTCTAATCTGCTGGTGAGGTCATCTGAGTGACATGGAATCC 540
Db 481 ATGCACCTACTCTTCTCCTCTAATCTGCTGGTGAGGTCATCTGAGTGACATGGAATCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGGACCAATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGGACCAATTTGGAGCAGGAGCTTACA 660
QY 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTTCTAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTTCTAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAAGTGATGGCTTTTAAAGATGCCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAAGTGATGGCTTTTAAAGATGCCTCTCTTAAC 780
QY 781 TCTGGGTGGAATTTAACTACAATCTTGTCTCTCGGTGATGGTATTTGGATTGTTGT 840
Db 781 TCTGGGTGGAATTTAACTACAATCTTGTCTCTCGGTGATGGTATTTGGATTGTTGT 840
QY 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCGGCGCTCTACCTACAAAAGTGAAT 1020

Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTTCATTTGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTTCATTTGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTTACTCAAAATCTGTG 1174

RESULT 46

US-10-127-852A-271
; Sequence 271, Application US/10127852A
; Publication No. US20030203428A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C88
; CURRENT APPLICATION NUMBER: US/10/127,852A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-852A-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGCTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACCGCTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGAGGGAGCCCTTGGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAGGGAGCCCTTGGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGTGACCAATGGCCCTTGGCCGAGAGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCAATGGCCCTTGGCCGAGAGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTGCCACCGGGCCCTGTCACTTACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTGCCACCGGGCCCTGTCACTTACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACCGATGTGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACCGATGTGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTGTGGATGATGGAATGACCTTAATCGAATTAATGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTGTGGATGATGGAATGACCTTAATCGAATTAATGGAATGTGAA 360
QY 361 TCTGATGATGACAGAGCATATTCCTCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
Db 361 TCTGATGATGACAGAGCATATTCCTCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAATCGCTGAGTGGTCAATTCGGAGTGACATGAGGACTCC 480
Db 421 CAGAATCAGCTGCCATTCGCTGAATCGCTGAGTGGTCAATTCGGAGTGACATGAGGACTCC 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGTCAATTCGGAGTGACATGAGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGTCAATTCGGAGTGACATGAGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAAC 780
Db 721 CACAGGAATTTTCTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
RESULT 47
US-10-127-900A-271
; Sequence 271, Application US/10127900A
; Publication No. US20030203429A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C81
; CURRENT APPLICATION NUMBER: US/10/127,900A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-900A-271
Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACCGCTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACCGCTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGAGGGAGCCCTTGGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAGGGAGCCCTTGGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGTGACCAATGGCCCTTGGCCGAGAGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCAATGGCCCTTGGCCGAGAGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTGCCACCGGGCCCTGTCACTTACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTGCCACCGGGCCCTGTCACTTACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACCGATGTGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACCGATGTGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTGTGGATGATGGAATGACCTTAATCGAATTAATGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTGTGGATGATGGAATGACCTTAATCGAATTAATGGAATGTGAA 360
QY 361 TCTGATGATGACAGAGCATATTCCTCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
Db 361 TCTGATGATGACAGAGCATATTCCTCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAATCGCTGAGTGGTCAATTCGGAGTGACATGAGGACTCC 480
Db 421 CAGAATCAGCTGCCATTCGCTGAATCGCTGAGTGGTCAATTCGGAGTGACATGAGGACTCC 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGTCAATTCGGAGTGACATGAGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGTCAATTCGGAGTGACATGAGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAAC 780
Db 721 CACAGGAATTTTCTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

Db 61 GGAACAAGATGGCGGCCGAAGGGAGCCTCTGGGTGAGGACCAACTGGGGCTCCG 120

QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180

Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTCGCCACCGGGCCCTGTCAGTTGACCTACCCC 240

Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTCGCCACCGGGCCCTGTCAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300

Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTTGTGATGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360

Db 301 TCAATTTGTGATGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360

QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

QY 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTTATGTCCCTGATGCCAAA 480

Db 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTTATGTCCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540

Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAAAATA 600

Db 541 GCACAGAGCTTCATAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAAAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGACCTACA 660

Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGACCTACA 660

QY 661 AATTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720

Db 661 AATTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGTGCCTCTCTCTTAAC 780

Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGTGCCTCTCTCTTAAC 780

QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840

Db 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840

QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900

Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGTTCTTCTTTGTG 960

Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGTTCTTCTTTGTG 960

QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020

Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080

Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080

QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATAGGCTTAAAGAAATCA 1140

Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATAGGCTTAAAGAAATCA 1140

QY 1141 CTATAAATGCAATAAAGTTTACTCAATCTGTG 1174

Db 1141 CTATAAATGCAATAAAGTTTACTCAATCTGTG 1174

RESULT 48

US-10-128-685A-271

; Sequence 271, Application US/10128685A

; Publication No. US20030203430A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C116

; CURRENT APPLICATION NUMBER: US/10/128,685A

; CURRENT FILING DATE: 2002-04-23

; PRIOR APPLICATION NUMBER: 60/049911

; PRIOR FILING DATE: 1997-06-18

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-18

; PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19

; PRIOR APPLICATION NUMBER: 60/059588

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 271

; LENGTH: 1174

; TYPE: DNA

; ORGANISM: Homo Sapien

US-10-128-685A-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

Db 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGAACAAGATGGCGGCCGAGGAGGAGCCCTCTGCGTGAGGACCCAACTGGGGCTCCCG 120

Db 61 GGAACAAGATGGCGGCCGAGGAGGAGCCCTCTGCGTGAGGACCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCATGGCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180

Db 121 CCGCTGCTGCTGCTGACCATGGCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180


```

241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGATGTACAGAGGTTGCAGGCTGTTT 300
301 TCAATTTGTGAGTTTGTGATGATGGAATGAACTTAAATCGAACTAAATTTGGAATGTGAA 360
301 TCAATTTGTGAGTTTGTGATGATGGAATGAACTTAAATCGAACTAAATTTGGAATGTGAA 360
361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTTGGTTGC 420
361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTTGGTTGC 420
421 CAGAATCAGCTGCCATTCCGCTGAACCTGAGACAAGAAACAACTTATGCTCCCTGATGCCAAAA 480
421 CAGAATCAGCTGCCATTCCGCTGAACCTGAGACAAGAAACAACTTATGCTCCCTGATGCCAAAA 480
481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGAGACTCC 540
481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGAGACTCC 540
541 GCACAGAGCTTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
541 GCACAGAGCTTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACACACATTTGGAGCAGGACCTTACA 660
601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACACACATTTGGAGCAGGACCTTACA 660
661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTTATCTGCAATGAGAAATTCACAAGCG 720
661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTTATCTGCAATGAGAAATTCACAAGCG 720
721 CACAGGAATTTCTTGAAGATGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
721 CACAGGAATTTCTTGAAGATGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGTGATGGTATTTGCTTTGGATTGT 840
781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGTGATGGTATTTGCTTTGGATTGT 840
841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGSCCTCTACCTACAAAAGTGAAT 1020
961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGSCCTCTACCTACAAAAGTGAAT 1020
1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATTTGATATAGGCTTTAAGAAATCA 1140
1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATTTGATATAGGCTTTAAGAAATCA 1140
1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
```

RESULT 50
US-10-142-886-271
; Sequence 271, Application US/10142886
; Publication No. US20030203432A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc

```

; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C236
; CURRENT APPLICATION NUMBER: US/10/142,886
; CURRENT FILING DATE: 2002-05-10
; Prior Applioication removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-142-886-271
```

```

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGCGCGCGCGGAGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGCGCGCGCGGAGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCTTGGCCCGGAGGTTTCGGGACCGCTTTCGGGTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCTTGGCCCGGAGGTTTCGGGACCGCTTTCGGGTGAAGCA 180
QY 181 TTTGACTCGGCTTGGGTGATACGCGCTCTTCCACCGGCGCTGTCACTTGGACCTACCC 240
Db 181 TTTGACTCGGCTTGGGTGATACGCGCTCTTCCACCGGCGCTGTCACTTGGACCTACCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGTGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCCGCTGAACCTGAGACAAGAAACAACTTATGCTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTCCGCTGAACCTGAGACAAGAAACAACTTATGCTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGAGACTCC 540
QY 541 GCACAGAGCTTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACACCACTTTGGAGCAGGACCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACACCACTTTGGAGCAGGACCTTACA 660
```



```
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGTATGCTTTTAAAGATGCTCTCTCTTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGTATGCTTTTAAAGATGCTCTCTCTTTAAC 780
QY 781 TCTGGTGGATTTTAACTAACAATCTTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 840
Db 781 TCTGGTGGATTTTAACTAACAATCTTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTCTGAGAAGCTGATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTCTGAGAAGCTGATCTAT 900
QY 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTCTCT 960
Db 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTCTCT 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGAGGCGCTCTACCTTAAAGAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGAGGCGCTCTACCTTAAAGAGTGAAT 1020
QY 1021 CTTGCTCACTCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCACTCTGAAATTTAAGCAATTTTCTTTTAAAGCAAGTGTATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGTTCATTCGATATAGGCCCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGTTCATTCGATATAGGCCCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
```

```
RESULT 51
US-10-145-016A-329
; Sequence 329, Application US/10145016A
; Publication No. US2003020343A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C52
```

```
; CURRENT APPLICATION NUMBER: US/10/145,016A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-145-016A-329

Query Match      100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACCAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACCAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCCGCGGAGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGCGGAGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTCCACCGGCGCTGTCAAGTTGACCTACCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTCCACCGGCGCTGTCAAGTTGACCTACCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTGTACGCATGTACAGAGAGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTGTACGCATGTACAGAGAGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAAACAATTATGTCCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAAACAATTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCACTCTGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCACTCTGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
```

QY	601	GTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACA	660
DB	601		
QY	661	AATTTGAGAGAAATCATCTCTAAGCAAATGTCTATCTGCAATGAGAAATTCACAAGCG	720
DB	661		
QY	721	CACAGGAATTTCTTGAAAGATGGAGAAAGTGTGGCTTTTAAAGATGCCTCTCTCTTAAC	780
DB	721		
QY	781	TCGGGTGGAATTTAACTACAACCTCTTGCTCTCGGTGATGGTATTGCTTTGGATTTGT	840
DB	781		
QY	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
DB	841		
QY	901	GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTGTG	960
DB	901		
QY	961	GTTGTTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT	1020
DB	961		
QY	1021	CTTGCTCATCTGAAATTTAAGCATTTTTCTTTTAAAAGACAAGTGTAAATAGACATCTAA	1080
DB	1021		
QY	1081	AATTCACCTCCTCATAGAGCTTTTAAAATGGTTTTCATTTGGATATAGGCCTTAAGAAATCA	1140
DB	1081		
QY	1141	CTATAAAATGCAATFAAGTTACTCAAATCTGTG	1174
DB	1141		
QY	1141	CTATAAAATGCAATFAAGTTACTCAAATCTGTG	1174
DB	1141		

RESULT 52

US-10-145-088A-329
; Sequence 329, Application US/10145088A
: Publication No. US20030203434A1

; PUBLICATION NO: US20
: GENERAL INFORMATION:

; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James;
 ; APPLICANT: Paoni, Nicholas P.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey

```

; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C49
; CURRENT APPLICATION NUMBER: US/10/145,088A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-145-088A-329

```

Query Match 100.0%; Score 1174; DB 13; Length 1174;

Query matrix	Best Local Similarity	Pred. No. 0;
100.00;	100.00;	Pred. No. 0;

Matches 1174;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
---------------	--------------	----	------------	----	--------	----	------	----

QY	1	CGGACGGCTGGGGAAA	CCCTTCCGAGAAAA	CAGCAACAAGCTGAGCTGCTGTGACAGAG	60
DB	1	CGGACGGCTGGGGAAA	CCCTTCCGAGAAAA	CAGCAACAAGCTGAGCTGCTGTGACAGAG	60
QY	61	GGGAACAAGATGGCGGCGCCGAAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120		
DB	61	GGGAACAAGATGGCGGCGCCGAAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120		
QY	121	CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA	180		
DB	121	CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA	180		
QY	181	TTTGACTCGGTCTTGGGTGATACGGCGTCTTTGCCACCGGGCCTGTCACTTGACCTACCC	240		
DB	181	TTTGACTCGGTCTTGGGTGATACGGCGTCTTTGCCACCGGGCCTGTCACTTGACCTACCC	240		
QY	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCACTGTACAGAGAGGTTGCAGGCTGTTT	300		
DB	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCACTGTACAGAGAGGTTGCAGGCTGTTT	300		
QY	301	TCAATTTGTCAGTTTGTGGATGATGGAAATTGACTTAAATCGAACTAAATTGGAATGTGAA	360		
DB	301	TCAATTTGTCAGTTTGTGGATGATGGAAATTGACTTAAATCGAACTAAATTGGAATGTGAA	360		
QY	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTTGGTTGC	420		
DB	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTTGGTTGC	420		
QY	421	CAGAATCAGCTGCCATTTCGCTGAATGAGACAAGAACAACTTATGTCCCTGATGCCAAAA	480		
DB	421	CAGAATCAGCTGCCATTTCGCTGAATGAGACAAGAACAACTTATGTCCCTGATGCCAAAA	480		
QY	481	ATGCACCTACTCTTTTCCCTAACTCTGGTGAGGTCACTTCGTGAGTGACATGATGGACTCC	540		
DB	481	ATGCACCTACTCTTTTCCCTAACTCTGGTGAGGTCACTTCGTGAGTGACATGATGGACTCC	540		

```
QY 541 GCACAGAGCTTCATAACCTCTTCATGGAAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGAAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAGCAAGATATCCAGTCTCTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAGCAAGATATCCAGTCTCTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTTACCTACAAAGTGAAT 1020
QY 1021 CTGTCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTGTCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAGTTACTCAAAATCTGTG 1174
```

RESULT 53
US-10-145-092A-329
; Sequence 329, Application US/10145092A
; Publication No. US20030203435A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deanoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann

```
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C45  
; CURRENT APPLICATION NUMBER: US/10/145,092A  
; CURRENT FILING DATE: 2002-10-10  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 624  
; SEQ ID NO 329  
; LENGTH: 1174  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-145-092A-329
```

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAGCTGAGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAGCTGAGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCGCGAAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCGCGAAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAATAAATTGGAATGTGA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAATAAATTGGAATGTGA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAACACTGAGACAAGACAACACTTATGTCTCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACACTGAGACAAGACAACACTTATGTCTCTGATGCCAAA 480
```


QY 481 ATGCACCTACTCTTTCTCTAATCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAATCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTTGGAGCAGGCTTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTTGGAGCAGGCTTACA 660
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTTGGATTGT 840
QY 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGATCTAT 900
Db 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGATCTAT 900
QY 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
Db 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 54

US-10-145-129A-329
; Sequence 329, Application US/10145129A
; Publication No. US20030203436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C51
; CURRENT APPLICATION NUMBER: US/10/145,129A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-145-129A-329

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCGCGGAGGAGCCTCTGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCGCGGAGGAGCCTCTGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGGATGATGAATTGACTTAATCGAACTAAATTTGGAATGTGA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGAATTGACTTAATCGAACTAAATTTGGAATGTGA 360
QY 361 TCTGATGTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGTGTC 420
Db 361 TCTGATGTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGTGTC 420

Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTCCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGTGTGGAGCAGTATGTTCCCTCTCGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGTGTGGAGCAGTATGTTCCCTCTCGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGTCTATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGTCTATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 56
US-10-146-786-271
; Sequence 271, Application US/10146786
; Publication No. US20030203438A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C313
; CURRENT APPLICATION NUMBER: US/10/146,786
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-146-786-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCCGAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

Db 61 GGGAAACAAGATGGCGCGCCGAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCAATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCAATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCCTGTCAAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCCTGTCAAGTTGACCTACCCC 240
QY 241 TTGCACACCTTACCTTAAGGAAGAGGAGTTGTACGATGTAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTTACCTTAAGGAAGAGGAGTTGTACGATGTAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTTCGCTGAATGAGCAAGAACTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTTCGCTGAATGAGCAAGAACTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTCTCTAATCTGCTGGTGAGGTCAATCTCGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAATCTGCTGGTGAGGTCAATCTCGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGAGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGAGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 57
US-10-147-499-271
; Sequence 271, Application US/10147499
; Publication No. US20030203439A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C348
; CURRENT APPLICATION NUMBER: US/10/147,499
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-147-499-271
Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGGGTGGGGAAACCCCTCCGAGAAACACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGGTGGGGAAACCCCTCCGAGAAACACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGTGTGCTGTGACCATGGCCCTTGGCGCGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180
Db 121 CCGTGTGCTGTGACCATGGCCCTTGGCGCGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACCGGCGCTTTGCCACCCGGGCGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACCGGCGCTTTGCCACCCGGGCGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTCAAGAGGTTGAGGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTCAAGAGGTTGAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTGTGATGAGTGAATTGACTTAAATCGAATAAATTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTGTGATGAGTGAATTGACTTAAATCGAATAAATTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTGCTGAACTGAGCAAGAAACAACCTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTGCTGAACTGAGCAAGAAACAACCTTATGTCCCTGATGCCAAAA 480

QY 481 ATGCACCTACTCTTTCCCTTAACCTCTGGTGAGGTCAATCTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCCCTTAACCTCTGGTGAGGTCAATCTCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACCGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACCGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACA 660
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTAACTACAACCTCTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTAACTACAACCTCTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 58
US-10-157-798-271
; Sequence 271, Application US/10157798
; Publication No. US20030203440A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C443
CURRENT APPLICATION NUMBER: US/10/157,798
CURRENT FILING DATE: 2002-05-29
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-157-798-271

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CGGACCGCTGGGGAAACCCCTCCGAGAAACAGCAACAAGCTGCTGTGACAGAG	60
Db	1	CGGACCGCTGGGGAAACCCCTCCGAGAAACAGCAACAAGCTGCTGTGACAGAG	60
QY	61	GGGAACAAGATGGCGGCCGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120
Db	61	GGGAACAAGATGGCGGCCGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120
QY	121	CCGCTGCTGCTGTGACCATAGGCTTGGCCGGAGGTTCGGGACCGCTTCGGCTGAAGCA	180
Db	121	CCGCTGCTGCTGTGACCATAGGCTTGGCCGGAGGTTCGGGACCGCTTCGGCTGAAGCA	180
QY	181	TTTGACTCGGTCTTGGGTGATACGGCGCTTTCGCCACCGGGCCCTGTCACTGACCTACCCC	240
Db	181	TTTGACTCGGTCTTGGGTGATACGGCGCTTTCGCCACCGGGCCCTGTCACTGACCTACCCC	240
QY	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTGACAGAGGTTGAGGCTGTTT	300
Db	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTGACAGAGGTTGAGGCTGTTT	300
QY	301	TCAATTTGTCAGTTTGTGGATGATGGAATTGACCTTAATCGAACTAAATGGAATGTGAA	360
Db	301	TCAATTTGTCAGTTTGTGGATGATGGAATTGACCTTAATCGAACTAAATGGAATGTGAA	360
QY	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTGGTTGC	420
Db	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTGGTTGC	420
QY	421	CAGAATCAGCTGCCATTTCCTTAACCTGCTGAGTGAAGCAAGCAACTATGTCCCTGATGCCAAA	480
Db	421	CAGAATCAGCTGCCATTTCCTTAACCTGCTGAGTGAAGCAAGCAACTATGTCCCTGATGCCAAA	480
QY	481	ATGCACCTACTCTTCTTAACCTGCTGAGTGAAGCAAGCAACTATGTCCCTGATGCCACTCC	540
Db	481	ATGCACCTACTCTTCTTAACCTGCTGAGTGAAGCAAGCAACTATGTCCCTGATGCCACTCC	540
QY	541	GCACAGAGCTTCAACCTCTTCACTGAGTGAAGCAAGCAACTATGTCCCTGATGCCAAAAATA	600
Db	541	GCACAGAGCTTCAACCTCTTCACTGAGTGAAGCAAGCAACTATGTCCCTGATGCCAAAAATA	600
QY	601	GTATATTCAGTCTAAGCCAGAAATCCAGTACGCAACCACTTTGGAGCAGGAGCCTACA	660
Db	601	GTATATTCAGTCTAAGCCAGAAATCCAGTACGCAACCACTTTGGAGCAGGAGCCTACA	660
QY	661	AATTTGAGAGAATCATCTTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG	720
Db	661	AATTTGAGAGAATCATCTTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG	720
QY	721	CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC	780
Db	721	CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC	780
QY	781	TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGTTGATTTGATTTGT	840
Db	781	TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGTTGATTTGATTTGT	840
QY	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGATATCTAT	900
Db			

Db	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
QY	901	GGTACTTGGAGTTTATGATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG	960
Db	901	GGTACTTGGAGTTTATGATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG	960
QY	961	GTTGTTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT	1020
Db	961	GTTGTTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT	1020
QY	1021	CTTGCTCATTTCTGAAATTTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA	1080
Db	1021	CTTGCTCATTTCTGAAATTTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA	1080
QY	1081	AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATGATATAGGCCCTTAAGAAATCA	1140
Db	1081	AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATGATATAGGCCCTTAAGAAATCA	1140
QY	1141	CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG	1174
Db	1141	CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG	1174

RESULT 59

US-10-165-038A-329
Sequence 329, Application US/10165038A
Publication No. US20030203441A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P2630P1C29
CURRENT APPLICATION NUMBER: US/10/165,038A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-165-038A-329

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACCGCTGGGGAAACCCCTTCGAGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACCGCTGGGGAAACCCCTTCGAGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCCCGAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCCCGAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCTAAGGAAGAGGAGTTGTACCGATGTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCTAAGGAAGAGGAGTTGTACCGATGTCAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGTCCCATTCGCTGAACCTGAGACAAGAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAATCAGTCCCATTCGCTGAACCTGAGACAAGAACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGACTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGACTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGPATTTGTTGGATTTGT 840

Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGPATTTGTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAAGACAAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAAGACAAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 60

US-10-165-353A-329
; Sequence 329, Application US/10165353A
; Publication No. US20030203442A1
; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C40
; CURRENT APPLICATION NUMBER: US/10/165,353A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364


```

; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-10-165-353A-329

Query Match          100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGGAAACCCCTCCGAGAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCTGGGGAAACCCCTCCGAGAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGTGACCATGGCCCTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCCCTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGCTTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGCTTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCGATGTCAGAGAGGTTGCGAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCGATGTCAGAGAGGTTGCGAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTGCTGAACTGAGACAAGAACAACTATGTCCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTGCTGAACTGAGACAAGAACAACTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTTAACCTCTTAACCTCTTAACCTCTTAACCTCTTAACCTCTTAAC 540
Db 481 ATGCACCTACTCTTCTCTTAACCTCTTAACCTCTTAACCTCTTAACCTCTTAACCTCTTAAC 540
QY 541 GCACAGAGCTTCAATAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAAAATA 600
Db 541 GCACAGAGCTTCAATAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACA 660
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAAATTCACAGCG 720
Db 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAAATTCACAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
```

```

Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGATTTTAACTACAACCTCTTGTCTCTCTCGGTGATGGTATTCCTTTGGATTTGT 840
Db 781 TCTGGGTGATTTTAACTACAACCTCTTGTCTCTCTCGGTGATGGTATTCCTTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 61
US-10-167-600-329
; Sequence 329, Application US/10167600
; Publication No. US20030203443A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C35
; CURRENT APPLICATION NUMBER: US/10/167,600
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
```

; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-167-600-329

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGGAAGGGGAGCCTCTGGGTGAGGAGCCCAACTGGGGCTCCCG 120
DB 61 GGGAAACAAGATGGCGGCGCCGGAAGGGGAGCCTCTGGGTGAGGAGCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGCTTTGGGTGATACGGCGCTTTCGCCACCGGCCCTGTGAGTTGACCTACCCC 240
DB 181 TTTGACTCGGCTTTGGGTGATACGGCGCTTTCGCCACCGGCCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
DB 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTGTGTCAGTTTGTGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGA 360
DB 301 TCAATTGTGTCAGTTTGTGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGA 360
QY 361 TCTGATGTACAGAAGCATATATCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
DB 361 TCTGATGTACAGAAGCATATATCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTTCCTGAACTGAGACAAGAACTTATGTCCTGATGCCAAA 480
DB 421 CAGAAATCAGCTGCCATTTCCTGAACTGAGACAAGAACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTTCTTAACTCTGCTGAGGTCATTTCTGAGTGACATGATGGACTCC 540
DB 481 ATGCACCTACTCTTTTCTTAACTCTGCTGAGGTCATTTCTGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGTTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
DB 541 GCACAGAGTTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGGAGGAGCCTACA 660
DB 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAATTTGGAGGAGGAGCCTACA 660
QY 661 AATTGAGAGAATCATCTTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720

DB 661 AATTGAGAGAATCATCTTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
DB 721 CACAGGAAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840
DB 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCAAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCAAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAAGACAAAGTGTAAATAGACATCTAA 1080
DB 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAAGACAAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
DB 1081 AATTCCACTCCTCATAGAGCTTTTAAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
DB 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 62
US-10-170-481A-329
; Sequence 329, Application US/10170481A
; Publication No. US20030203444A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C53
; CURRENT APPLICATION NUMBER: US/10/170,481A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-170-481A-329

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGACAAGATGGCGGCGCCGGAAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGACAAGATGGCGGCGCCGGAAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGTGACCCATGGCCTTGGCCGGAGGTTGGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCCATGGCCTTGGCCGGAGGTTGGGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACCGCATGTGACAGAGGTTGACGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACCGCATGTGACAGAGGTTGACGGCTGTTT 300

QY 301 TCAATTTGTGAGTTGTGGATGGAATGGAATGACTTAAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTGTGGATGGAATGGAATGACTTAAATCGAACTAAATGGAATGTGAA 360

QY 361 TCTGCATGTACAGAAGCATATTCCTAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCTAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

QY 421 CAGAATCAGCTGCCATTGCGTGAATGAGACAAGAACAACTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTGCGTGAATGAGACAAGAACAACTATGTCCCTGATGCCAAAA 480

QY 481 ATGCACCTACTCTTCTCTAATCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAATCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCTACA 660

Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCTACA 660
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAAATGTCTATCTGCAAAATGAGAAAATTCACAAGCG 720
Db 661 AATTTGAGAGAATCATCTCTAAGCAAAAATGTCTATCTGCAAAATGAGAAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGAGAGAAAGTGATGGCTTTTAAAGATCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAGAAAGTGATGGCTTTTAAAGATCCCTCTCTCTTAAC 780
QY 781 TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGTGATGGTATGCTTTGGATTTGT 840
Db 781 TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGTGATGGTATGCTTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
QY 1081 AATCCACTCTCTCATAGAGCTTTTAAATGGTTTCAATTCGATATAGGCCTTAAGAAATCA 1140
Db 1081 AATCCACTCTCTCATAGAGCTTTTAAATGGTTTCAATTCGATATAGGCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 63

US-10-172-039A-329
; Sequence 329, Application US/10172039A
; Publication No. US20030203445A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same


```

; FILE REFERENCE: P2630P1C30
; CURRENT APPLICATION NUMBER: US/10/172,039A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-172-039A-329

Query Match      100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  CGGACGCGTGGGGAAACCCCTCCGAGAAACACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db      1  CGGACGCGTGGGGAAACCCCTCCGAGAAACACAGCAACAGCTGAGCTGCTGTGACAGAG 60

QY      61  GGGAAACAAGATGGCGGCGCCGGAAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db      61  GGGAAACAAGATGGCGGCGCCGGAAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

QY      121  CCGCTGCTGCTGTGACCATAGCGCTTGGCCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180
Db      121  CCGCTGCTGCTGTGACCATAGCGCTTGGCCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180

QY      181  TTTGACTCGGCTTGGGTGATACGGCGTCTTGCCACCGGGCGTGTGAGTTGACCTACCC 240
Db      181  TTTGACTCGGCTTGGGTGATACGGCGTCTTGCCACCGGGCGTGTGAGTTGACCTACCC 240

QY      241  TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGAGGTTGCAGGCTGTT 300
Db      241  TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGAGGTTGCAGGCTGTT 300

QY      301  TCAATTTGTTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db      301  TCAATTTGTTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360

QY      361  TCTGCATGTACAGAGACATATTCCCAATCTGATGAGCAATATGCTTCCATCTTGGTTGC 420
Db      361  TCTGCATGTACAGAGACATATTCCCAATCTGATGAGCAATATGCTTCCATCTTGGTTGC 420

QY      421  CAGAATCAGCTGCCATTCGCTGAACGTAGACAAGAAACAACCTTATGTCCCTGATGCCAAA 480
Db      421  CAGAATCAGCTGCCATTCGCTGAACGTAGACAAGAAACAACCTTATGTCCCTGATGCCAAA 480

QY      481  ATGCACCTACTCTTCTCTAACTCTGTGGGTGAGTCAATCTGGAGTGACATGATGGACTCC 540
Db      481  ATGCACCTACTCTTCTCTAACTCTGTGGGTGAGTCAATCTGGAGTGACATGATGGACTCC 540

QY      541  GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db      541  GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
```

```

Db      541  GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY      601  GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCTACA 660
Db      601  GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCTACA 660
QY      661  AATTTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db      661  AATTTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY      721  CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db      721  CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY      781  TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db      781  TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY      841  TGTCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db      841  TGTCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY      901  GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db      901  GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
QY      961  GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db      961  GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
QY      1021  CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
Db      1021  CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
QY      1081  AATTCACACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db      1081  AATTCACACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY      1141  CTATAAAATGCAATAAAAGTTACTCAAAATCTGTG 1174
Db      1141  CTATAAAATGCAATAAAAGTTACTCAAAATCTGTG 1174

RESULT 64
US-10-210-028-329
; Sequence 329, Application US/10210028
; Publication No. US20030203446A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
```

APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C52
CURRENT APPLICATION NUMBER: US/10/210,028
CURRENT FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 329
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo sapiens
US-10-210-028-329

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGTGTGACAGAG 60

QY 61 GGGACACAGATGGCGGCGCCGAGGGGAGCCCTCTGGGTGAGGACCCCACTGGGCTCCCG 120
Db 61 GGGACACAGATGGCGGCGCCGAGGGGAGCCCTCTGGGTGAGGACCCCACTGGGCTCCCG 120

QY 121 CGCTGCTGCTGCTGACCATGSCCTTGGCCGGAGGTTGGGGACCGCTCGGCTGAAGCA 180
Db 121 CGCTGCTGCTGCTGACCATGSCCTTGGCCGGAGGTTGGGGACCGCTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTGGCCACCGGGCCTGTCACTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTGGCCACCGGGCCTGTCACTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTTGTGCTAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTGCTAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360

QY 361 TCTGCATGTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420

QY 421 CAGAATCAGTGCCCATTCGCTGAACACTGAGACAAGAACTATATGCTCCCTGATGCCAAA 480
Db 421 CAGAATCAGTGCCCATTCGCTGAACACTGAGACAAGAACTATATGCTCCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGGAGGTCAATCTGGAGTGACATGAGTCC 540

Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGGAGGTCAATCTGGAGTGACATGAGTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCAACACATTTGGAGCAGGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCAACACATTTGGAGCAGGCTTACA 660
QY 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGAGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTCCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTCCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
QY 1081 AATCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATCCACTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAGTTACTCAAAATCTGTG 1174

RESULT 65
US-10-305-654-7
Sequence 7, Application US/10305654
Publication No. US20030224984A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Ferrara, Napoleone
APPLICANT: Gerber, Hans-Peter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Marsters, Scot A.
APPLICANT: Pan, J.
APPLICANT: Paoni, N. F.
APPLICANT: Stephan, J-P F.
APPLICANT: Watanabe, C.K.
APPLICANT: Wood, W.I.
APPLICANT: Williams, P.M.
APPLICANT: Ye, Weilan
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
FILE REFERENCE: P3235R1C1
CURRENT APPLICATION NUMBER: US/10/305,654
CURRENT FILING DATE: 2002-11-26

NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 7
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homosapiens
US-10-305-654-7

Query Match 100.0%; Score 1174; DB 13; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db |||||||
QY 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db |||||||
QY 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db |||||||
QY 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGGTGAAGCA 180
Db |||||||
QY 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGGTGAAGCA 180
Db |||||||
QY 181 TTTGACTCGGTCTGGGTGATACGGCGCTTGTGCCACCGGCGCTGTGAGTTCAGTTGACCTACCCC 240
Db |||||||
QY 181 TTTGACTCGGTCTGGGTGATACGGCGCTTGTGCCACCGGCGCTGTGAGTTCAGTTGACCTACCCC 240
Db |||||||
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
Db |||||||
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
Db |||||||
QY 301 TCAATTTGTGAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db |||||||
QY 301 TCAATTTGTGAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db |||||||
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db |||||||
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db |||||||
QY 421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAAGAACTTATGTCCCTGATGCCAAAA 480
Db |||||||
QY 421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAAGAACTTATGTCCCTGATGCCAAAA 480
Db |||||||
QY 481 ATGCACCTACTCTTTCTCTAACTCTGCTGAGGTCACTCTGGAGTGACATGATGACTCC 540
Db |||||||
QY 481 ATGCACCTACTCTTTCTCTAACTCTGCTGAGGTCACTCTGGAGTGACATGATGACTCC 540
Db |||||||
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAATA 600
Db |||||||
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAATA 600
Db |||||||
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACA 660
Db |||||||
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACA 660
Db |||||||
QY 661 AATTGAGAGAATCATCTTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db |||||||
QY 661 AATTGAGAGAATCATCTTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db |||||||
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db |||||||
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db |||||||
QY 781 TCTGGGTGATTTTAACTACAACTCTTGTCCCTCGGTGATGGTATGCTTTGGATTTGT 840
Db |||||||
QY 781 TCTGGGTGATTTTAACTACAACTCTTGTCCCTCGGTGATGGTATGCTTTGGATTTGT 840
Db |||||||
QY 841 TGTGAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGACTGAGTATCTAT 900
Db |||||||
QY 841 TGTGAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGACTGAGTATCTAT 900
Db |||||||
QY 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db |||||||

RESULT 66

US-10-028-072-271
; Sequence 271, Application US/10028072
; Publication No. US20030004311A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang

FILE OF INVENTION:

FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/028,072
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG	60
Db	1	CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG	60
Qy	61	GGGAACAAGATGGCGGCGCGAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG	120
Db	61	GGGAACAAGATGGCGGCGCGAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG	120
Qy	121	CCGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTTCGGGACCCGCTTCGGCTGAAGCA	180
Db	121	CCGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTTCGGGACCCGCTTCGGCTGAAGCA	180
Qy	181	TTTGACTCGGTCTGGGTGATACGGGCTCTTGCCACCCGGCCCTGTGAGTTGACCTACCCC	240
Db	181	TTTGACTCGGTCTGGGTGATACGGGCTCTTGCCACCCGGCCCTGTGAGTTGACCTACCCC	240
Qy	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTAAGCTGTTGCAAGCTGTTT	300
Db	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTAAGCTGTTGCAAGCTGTTT	300
Qy	301	TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA	360
Db	301	TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA	360
Qy	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC	420
Db	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC	420
Qy	421	CAGAATCAGCTGCGCATTCGCTGAAGCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA	480
Db	421	CAGAATCAGCTGCGCATTCGCTGAAGCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA	480
Qy	481	ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATCTTGAGTGACATGATGGACTCC	540
Db	481	ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATCTTGAGTGACATGATGGACTCC	540
Qy	541	GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGGAAAAATA	600
Db	541	GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGGAAAAATA	600
Qy	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCCTACA	660
Db	601	GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCCTACA	660
Qy	661	AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAGCG	720
Db	661	AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAGCG	720
Qy	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTAAC	780
Db	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTAAC	780
Qy	781	TCTGGGTGGATTTTAACTACAACTCTTGTCTCGGTGATGGTATTTGGATTGT	840
Db	781	TCTGGGTGGATTTTAACTACAACTCTTGTCTCGGTGATGGTATTTGGATTGT	840
Qy	841	TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT	900
Db	841	TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT	900
Qy	901	GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCAGCTTCTTCTTGTG	960
Db	901	GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCAGCTTCTTCTTGTG	960
Qy	961	GTTGTTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTTACCTACAAAGTGAAT	1020
Db	961	GTTGTTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTTACCTACAAAGTGAAT	1020

Db	961	GTTGTTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTTACCTACAAAGTGAAT	1020
Qy	1021	CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA	1080
Db	1021	CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA	1080
Qy	1081	AATTCCACTCCTCATAGAGCTTTTAAAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA	1140
Db	1081	AATTCCACTCCTCATAGAGCTTTTAAAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA	1140
Qy	1141	CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG	1174
Db	1141	CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG	1174

RESULT 67

US-10-121-049-271
; Sequence 271, Application US/10121049
; Publication No. US20030022239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C17
; CURRENT APPLICATION NUMBER: US/10/121,049
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-121-049-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG	60
Db	1	CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG	60
Qy	61	GGGAACAAGATGGCGGCGCGGAGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG	120
Db	61	GGGAACAAGATGGCGGCGCGGAGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG	120
Qy	121	CCGCTGCTGCTGTGACCATGGCCTTGGCCGGAGGTTTCGGGGACCCGCTTCGGCTGAAGCA	180
Db	121	CCGCTGCTGCTGTGACCATGGCCTTGGCCGGAGGTTTCGGGGACCCGCTTCGGCTGAAGCA	180
Qy	181	TTTGACTCGGTCTTGCGGTGATACGGCCTTTGCCACCCGGCCCTGTGAGTTGACCTACCCC	240
Db	181	TTTGACTCGGTCTTGCGGTGATACGGCCTTTGCCACCCGGCCCTGTGAGTTGACCTACCCC	240
Qy	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTAGCATGTGAGAGGTTGCAGGCTGTTT	300
Db	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTAGCATGTGAGAGGTTGCAGGCTGTTT	300

QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGTATGAGCAATATCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCCAATCTGTATGAGCAATATCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTGGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTGGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTCCTCTAACTCTGTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCCTCTAACTCTGTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTTCATAACCTCTTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTTCATAACCTCTTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTTACA 660
Db 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTTACA 660
QY 661 AATTGTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAAGC 720
Db 661 AATTGTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAAGC 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTTGTG 960
QY 961 GTTGTATGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTATGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGTCTATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGTCTATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 68

US-10-123-904-271
; Sequence 271, Application US/10123904
; Publication No. US20030022328A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Defoige, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C54
; CURRENT APPLICATION NUMBER: US/10/123,904
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-123-904-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGGAAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CGGCTGCTGCTGCTGACCAATGSCCTTGGCCGGAGGTTGGGGGACCGCTTCCGGCTGAAGCA 180
Db 121 CGGCTGCTGCTGCTGACCAATGSCCTTGGCCGGAGGTTGGGGGACCGCTTCCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTCCACCGGGCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTCCACCGGGCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACCGCATGTGATGAGAGGTTGACAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACCGCATGTGATGAGAGGTTGACAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTGCGTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTGCGTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTCCTCTAACTCTGTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCCTCTAACTCTGTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTTCATAACCTCTTCAATGGAACCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTTCATAACCTCTTCAATGGAACCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTTACA 660
Db 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTTACA 660
QY 661 AATTGTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAAGC 720

Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCATATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGGAATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTTGGTTGGATTGT 840
Db 781 TCTGGGTGGAATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTTGGTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
Db 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGCCCTCTA CCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGCCCTCTA CCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCACTCTGAAATTTAAGCAATTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCACTCTGAAATTTAAGCAATTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAATAAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAATAAAAGTTACTCAAAATCTGTG 1174

RESULT 69

US-10-140-470-271
; Sequence 271, Application US/10140470
; Publication No. US20030022331A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C160
; CURRENT APPLICATION NUMBER: US/10/140,470
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-470-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGGAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCCTTTGCCACCGGGCCTGTGAGTTGACTACCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCCTTTGCCACCGGGCCTGTGAGTTGACTACCC 240
QY 241 TTGCACACCTAACCTAAGGAAGAGGAGTTGTACGATGTGAGAGGTTGACGCTGTTT 300
Db 241 TTGCACACCTAACCTAAGGAAGAGGAGTTGTACGATGTGAGAGGTTGACGCTGTTT 300
QY 301 TCAATTTGTGCTGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGCTGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTGCTGAACTGAGACAAGAAACAATTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTGCTGAACTGAGACAAGAAACAATTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTCTCTAATCTGCTGAGGTTGATCTGAGTGAATGATGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAATCTGCTGAGGTTGATCTGAGTGAATGATGGACTCC 540
QY 541 GCACAGAGCTTCTATAACCTCTTTCATGGACTTTTATCTTCAAGCGGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCTATAACCTCTTTCATGGACTTTTATCTTCAAGCGGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCCTACA 660
QY 661 AATTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
Db 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGCCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCACTCTGAAATTTAAGCAATTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCACTCTGAAATTTAAGCAATTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080

QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 70
US-10-175-746-271
; Sequence 271, Application US/10175746
; Publication No. US20030027270A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C353
; CURRENT APPLICATION NUMBER: US/10/175,746
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-175-746-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGGAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db GGGAAACAAGATGGCGGCGCCGGAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGTGTCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db CCGTGTCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTGACTCGGTCTTGGGTGATACGGCGCTTTGCCACCGGGCCCTGTGAGTTGACCTACCCC 240
Db TTGACTCGGTCTTGGGTGATACGGCGCTTTGCCACCGGGCCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
Db TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
Db TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360

QY 361 TCTGCTGTACAGAAGCATATATCCCAATCTGTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db TCTGCTGTACAGAAGCATATATCCCAATCTGTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTTCGTGAATGAGCAACAACAACTTATGTCCCTGATGCCAAA 480
Db CAGAATCAGCTGCCATTTCGTGAATGAGCAACAACAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTTCTCTAACTCTGCTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
Db ATGCACCTACTCTTTTCTCTAACTCTGCTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAAACCCTCTTCATGGACTTTTATTTTATTTTCAAGCCGATGACGAAAAATA 600
Db GCACAGAGCTTCATAAACCCTCTTCATGGACTTTTATTTTATTTTCAAGCCGATGACGAAAAATA 600
QY 601 GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGCCACCAACATTTGGAGCAGGACCTACA 660
Db GTTATATTCAGTCTTAAGCCAGAAATCCAGTACGCCACCAACATTTGGAGCAGGACCTACA 660
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db AATTTGAGAGAATCATCTCTAAGCAAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGAGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db CACAGGAATTTCTTGAAGATGAGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTTGGAATTTGT 840
Db TCTGGGTGGATTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTTGGAATTTGT 840
QY 841 TGTCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db TGTCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
Db GGTGACTTGGAGTTTATGAATGAACAAAAAGCTAAACAGATATCCAGCTTCTCTCTGTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
Db AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 71
US-10-176-918-271
; Sequence 271, Application US/10176918
; Publication No. US20030027275A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven

APPLICANT: Smith,Victoria
APPLICANT: Stewart,Timothy A.
APPLICANT: Tumas,Daniel
APPLICANT: Watanabe,Colin K
APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C382
CURRENT APPLICATION NUMBER: US/10/176,918
CURRENT FILING DATE: 2002-06-20
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-176-918-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCCCGAAGGGAGCCTCTGGGTGAGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCCGAAGGGAGCCTCTGGGTGAGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGCTTTGGGTGATACGGCGTCTTGCCACCGGCCCTGTGAGTTCACCTACCC 240
Db 181 TTTGACTCGGCTTTGGGTGATACGGCGTCTTGCCACCGGCCCTGTGAGTTCACCTACCC 240
QY 241 TTGCACACCTACCTTAAGGAAGAGGAGTGTGACGCATGTGACAGAGGTTGCAGGCTGTT 300
Db 241 TTGCACACCTACCTTAAGGAAGAGGAGTGTGACGCATGTGACAGAGGTTGCAGGCTGTT 300
QY 301 TCAATTTGTGAGTTTGGATGATGGAATGACTTAAATCGAACTAAATGGAATGGAATGAA 360
Db 301 TCAATTTGTGAGTTTGGATGATGGAATGACTTAAATCGAACTAAATGGAATGGAATGAA 360
QY 361 TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATCCCAATCTGATGAGCAATATGCTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGCAAGAAACAACTTATCTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGCAAGAAACAACTTATCTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTTAACTCTGCTGAGTCACTTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCTTAACTCTGCTGAGTCACTTCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
QY 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC 780

Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGAATTTAACTACAACCTTTGCTCCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGAATTTAACTACAACCTTTGCTCCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGCAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAATAAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAATAAAAGTTACTCAAAATCTGTG 1174

RESULT 72

US-10-176-921-271
; Sequence 271, Application US/10176921
; Publication No. US20030027276A1
; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C288
CURRENT APPLICATION NUMBER: US/10/176,921
CURRENT FILING DATE: 2002-06-20
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-176-921-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGCGCCGAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACCGCATGTGAGAGGTTGAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACCGCATGTGAGAGGTTGAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTAA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTAA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGTGCCTATTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGTGCCTATTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGAGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACCGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACCGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCACTTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCACTTTGGAGCAGGAGCCTACA 660
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTTCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTTCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTAAC 780
QY 781 TCTGGGTGATTTTAACTACAACCTCTTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
Db 781 TCTGGGTGATTTTAACTACAACCTCTTGTCTCTCGGTGATGATGCTTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCTTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCTTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTAAGCATTTTCTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTAAGCATTTTCTTTAAAGACAAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGCCCTTAAGAAATCA 1140

QY 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
RESULT 73
US-10-137-865-271
; Sequence 271, Application US/10137865
; Publication No. US20030032155A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C154
; CURRENT APPLICATION NUMBER: US/10/137,865
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-137-865-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAACAGCAACAAGCTGAGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAACAGCAACAAGCTGAGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCCGAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGGTTGAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGGTTGAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTAA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTAA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGTGCCTATTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480

Db 421 CAGAAATCAGCTGCCATTCGCTGAATGAGACAAGAACAACTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATTCGGAGTGACATGATGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATTCGGAGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTCATAAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCTACA 660
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGATTTTAACTACAACCTCTTGTCTCTCGGTGATGATGCTTTTGGATTTGT 840
Db 781 TCTGGGTGATTTTAACTACAACCTCTTGTCTCTCGGTGATGATGCTTTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGSCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGSCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAATCTGTG 1174

RESULT 74

US-10-140-474-271
; Sequence 271, Application US/10140474
; Publication No. US20030032156A1
; GENERAL INFORMATION:

- ; APPLICANT: Baker, Kevin P.
- ; APPLICANT: Beresini, Maureen
- ; APPLICANT: DeForge, Laura
- ; APPLICANT: Desnoyers, Luc
- ; APPLICANT: Filvaroff, Ellen
- ; APPLICANT: Gao, Wei-Qiang
- ; APPLICANT: Gerritsen, Mary E.
- ; APPLICANT: Goddard, Audrey
- ; APPLICANT: Godowski, Paul J.
- ; APPLICANT: Gurney, Austin L.
- ; APPLICANT: Sherwood, Steven
- ; APPLICANT: Smith, Victoria
- ; APPLICANT: Stewart, Timothy A.
- ; APPLICANT: Tumas, Daniel
- ; APPLICANT: Watanabe, Colin K
- ; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C162
; CURRENT APPLICATION NUMBER: US/10/140,474
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-474-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAAGCTGAGCTGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAAGCTGAGCTGTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGAAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGTGTCTGTCTGCTGACCATGGCCTTGGCCGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGTGTCTGTCTGCTGACCATGGCCTTGGCCGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTGGCCACCGGGCCTGTCACTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTGGCCACCGGGCCTGTCACTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCTGAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
Db 301 TCAATTTGTCTGAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACTGAGACAAGBACAACCTTATGTCCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACTGAGACAAGBACAACCTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCCCTCTAATCTCTGGTGAGGTCACTTCTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTTCCCTCTAATCTCTGGTGAGGTCACTTCTGGAGTGACATGAGACTCC 540
QY 541 GCACAGAGCTTCATAAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAACATTTGGAGCAGGAGCCTACA 660
QY 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGATTTTAACTACAACCTCTTGTCTCTCGGTGATGATGCTTTTGGATTTGT 840
Db 781 TCTGGGTGATTTTAACTACAACCTCTTGTCTCTCGGTGATGATGCTTTTGGATTTGT 840

QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTG 960
Db 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAAGTGTTCATGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAAGTGTTCATGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 75

US-10-142-431-271
; Sequence 271, Application US/10142431
; Publication No. US20030036179A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C251
; CURRENT APPLICATION NUMBER: US/10/142,431
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-142-431-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCCCGAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCCCGAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCCGAGGTTCCGGGACCGCTTCGGGTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCCGAGGTTCCGGGACCGCTTCGGGTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCTGTCAAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCTGTCAAGTTGACCTACCCC 240
QY 241 TTGCACACCTAACCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTAACCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTTCGCTGAAGTGAAGCAAGAACCACTTATGTCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTTCGCTGAAGTGAAGCAAGAACCACTTATGTCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTCTTAACTCTGAGGAGGTCATTTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTCTTAACTCTGAGGAGGTCATTTCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTCTCTCTCGGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTCTCTCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 76
US-10-143-114-271
; Sequence 271, Application US/10143114
; Publication No. US2003036180A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C211
; CURRENT APPLICATION NUMBER: US/10/143,114
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-143-114-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCCCGAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGTCCCG 120
DB 61 GGGAAACAAGATGGCGGCCCGAAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGTCCCG 120
QY 121 CCGTGTCTGTGACCATGGCCCTTGCGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCGTGTCTGTGACCATGGCCCTTGCGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTGAACCTACCCC 240
DB 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTGAACCTACCCC 240
QY 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTCAAGAGGTTGCAGGCTGTTT 300
DB 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTCAAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTGTGGATGATGGAAATGCACTTAAATCGAACTAAATGGAAATGTGAA 360
DB 301 TCAATTTGTGAGTTGTGGATGATGGAAATGCACTTAAATCGAACTAAATGGAAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC 420
DB 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGCAAGAAACAATTATGTCCCTGTATGCCAAA 480
DB 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGCAAGAAACAATTATGTCCCTGTATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTTAACCTCTGGTGAGGTCAATTCCTGGAGTGACATGATGGACTCC 540

DB 481 ATGCACCTACTCTTTCTTAACCTCTGGTGAGGTCAATTCCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTTATCTTCAAGCCGATGACGGAAATA 600
DB 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTTATCTTCAAGCCGATGACGGAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCCTACA 660
DB 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCCTACA 660
QY 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
DB 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
DB 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACCTCTCTCTCTCGGTGATGGTATTTGGATTGT 840
DB 781 TCTGGTGGATTTTAACTACAACCTCTCTCTCTCGGTGATGGTATTTGGATTGT 840
QY 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTCTGAGAAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
QY 961 GTTGTAGATCTAATAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
DB 961 GTTGTAGATCTAATAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
DB 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
DB 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCTCAATCTGTG 1174
DB 1141 CTATAAATGCAATAAAGTTACTCTCAATCTGTG 1174

RESULT 77
US-10-140-002-271
; Sequence 271, Application US/10140002
; Publication No. US20030037623A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C59
; CURRENT APPLICATION NUMBER: US/10/140,002

; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-002-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCTCTGGGTGAGGACCCCAACTGGGGTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCTCTGGGTGAGGACCCCAACTGGGGTCCCG 120
QY 121 CCGCTGCTGCTGTGACCATGSCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGSCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGCTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGCTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCCGCTGAACTGAGACAAGAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCCGCTGAACTGAGACAAGAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCATCTGGAGTGACATGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCATCTGGAGTGACATGGACTCC 540
QY 541 GCACAGAGTTTCATAACCTCTTCAATGGACTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGTTTCATAACCTCTTCAATGGACTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACACATTTGGAGCAGGACCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACACATTTGGAGCAGGACCTACA 660
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGAATTTAACTACAACCTTGTCTCTCGGTGATGGTATTTGCTTTGGATTGT 840
Db 781 TCTGGGTGGAATTTAACTACAACCTTGTCTCTCGGTGATGGTATTTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCTTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCTTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTTACTCAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTTACTCAAATCTGTG 1174

RESULT 78

US-10-142-419-271
; Sequence 271, Application US/10142419
; Publication No. US20030044945A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C244
; CURRENT APPLICATION NUMBER: US/10/142,419
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-142-419-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCTCTGGGTGAGGACCCCAACTGGGGTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCTCTGGGTGAGGACCCCAACTGGGGTCCCG 120
QY 121 CCGCTGCTGCTGTGACCATGSCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGSCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGCTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAGTTGACCTACCCC 240

Db 181 TTTGACTCGGCTTGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
Qy 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGACAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGACAGGCTGTTT 300
Qy 301 TCAATTTGTGAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTAA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTAA 360
Qy 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Qy 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTTATGTCCCTGATGCCAAAA 480
Qy 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCTTCTGGAGTGACATGATGGAATCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCTTCTGGAGTGACATGATGGAATCC 540
Qy 541 GCACAGAGCTTCATAAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTACA 660
Qy 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTACAATCTTCTCTCTCTCGGTGATGGTATTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAATCTTCTCTCTCTCGGTGATGGTATTTGGATTTGT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAGCAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAGCAGATATCCAGCTTCTTCTCTGTG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAAGCAGGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAAGCAGGGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Qy 1081 AATTCACCTCCTCATAGAGCTTTTAAATGCTTTTCAATGGATATAGGCCTTAAGAAATCA 1140
Db 1081 AATTCACCTCCTCATAGAGCTTTTAAATGCTTTTCAATGGATATAGGCCTTAAGAAATCA 1140
Qy 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 79
US-10-017-081A-329
; Sequence 329, Application US/10017081A
; Publication No. US20030049684A1
; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C69
; CURRENT APPLICATION NUMBER: US/10/017,081A
; CURRENT FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-017-081A-329

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGCGCCGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Qy 121 CCGTGTCTGCTGTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGTGTCTGCTGTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTCCACCGGGCCCTGTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTCCACCGGGCCCTGTGACCTACCCC 240
Qy 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT 300
Qy 301 TCAATTTGTGAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Qy 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Qy 421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAAGAACTTATGTCCCTGATGCCAAAA 480

Db 421 CAGAATCAGCTGCCATTCGGTGAACGTAGACAAGAAACAACCTTATGTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTCTCTAACTCTGGTGAAGTCATCTCTGGAGTGACATGAGTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAAGTCATCTCTGGAGTGACATGAGTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTCAAGCAGCTTCTTCAAGCAGCTGACGGAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCAAGCAGCTTCTTCAAGCAGCTGACGGAATA 600
Qy 601 GTTATATCCAGTCTAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGCTTACA 660
Db 601 GTTATATCCAGTCTAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGCTTACA 660
Qy 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTACAACTCTTGCTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGCTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTTG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCTCTACCTACAAAGTGAAT 1020
Qy 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Qy 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAAATGCAAAATAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAGTTACTCAAATCTGTG 1174

RESULT 80

US-10-123-262-271

; Sequence 271, Application US/10123262

; Publication No. US20030049816A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C38

; CURRENT APPLICATION NUMBER: US/10/123,262

; CURRENT FILING DATE: 2002-04-15

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 271

; LENGTH: 1174

; TYPE: DNA

; ORGANISM: Homo Sapien

US-10-123-262-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACCGGTGGGGGAAACCTTCCGAGAAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACCGGTGGGGGAAACCTTCCGAGAAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGGCGCGGAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGACCAATGGCCCTTGGCCGGAGGTTGGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGACCAATGGCCCTTGGCCGGAGGTTGGGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTGCCACCGGGCCTGTCACTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTGCCACCGGGCCTGTCACTGACCTACCCC 240
Qy 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGATGTCAAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGATGTCAAGAGGTTGCAGGCTGTTT 300
Qy 301 TCAATTTGTGTCAGTTTGTGGATGATGGAATTCGACTTAAATCGAACTAAATTCGAATGTGA 360
Db 301 TCAATTTGTGTCAGTTTGTGGATGATGGAATTCGACTTAAATCGAACTAAATTCGAATGTGA 360
Qy 361 TCTGATGTACAGAAGCATATCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
Db 361 TCTGATGTACAGAAGCATATCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
Qy 421 CAGAATCAGCTGCCATTCGCTGAACTGAGCAAGAACTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACTGAGCAAGAACTTATGTCCCTGATGCCAAAA 480
Qy 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAAGTCAATCTGGAGTGACATGAGGACTCC 540
Db 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAAGTCAATCTGGAGTGACATGAGGACTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTCAATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCAATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACA 660
Qy 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAAC 780
Qy 781 TCTGGGTGGATTTTAACTACAACTCTTGTCCCTCTCGGTGATGGTATTCGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCCCTCTCGGTGATGGTATTCGCTTTGGATTGT 840

QY 841 TGTGCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db |||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db |||||
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db |||||
QY 1021 CTTGCTCATCTGAAATTTAAGCAATTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db |||||
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAAGAAATCA 1140
Db |||||
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db |||||

RESULT 81

US-10-142-423-271
; Sequence 271, Application US/10142423
; Publication No. US20030049817A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC249
; CURRENT APPLICATION NUMBER: US/10/142,423
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-142-423-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. NO. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db |||||
QY 61 GGGAAACAAGATGGCGGGGCCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db |||||

QY 121 CCGCTGCTGCTGCTGACCATGGCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db |||||
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCTGTGAGTTGACCTACCCC 240
Db |||||
QY 241 TTGCACACCTTACCCCTAAGGAAGAGGAGTTGTACGCAATGTGAGAGGTTGACGGCTGTTT 300
Db |||||
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db |||||
QY 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
Db |||||
QY 421 CAGAAATCAGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
Db |||||
QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTCTGGAGTGACATGATGGACTCC 540
Db |||||
QY 541 GCACAGAGCTTCAATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAATAATA 600
Db |||||
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACA 660
Db |||||
QY 661 AATTGAGAGAAATCATCTTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db |||||
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db |||||
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840
Db |||||
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db |||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db |||||
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db |||||
QY 1021 CTTGCTCATTTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db |||||
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAAGAAATCA 1140
Db |||||
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db |||||

RESULT 82
US-10-121-050-271
; Sequence 271, Application US/10121050
; Publication No. US20030054516A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C20
; CURRENT APPLICATION NUMBER: US/10/121,050
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-121-050-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACACAGCAACCAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACACAGCAACCAAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCGCGGAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCCGCTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCCGCTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTGGCCACCGGGCCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTGGCCACCGGGCCCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAATTAATTGGAATGTGAA 360
Db 301 TCAATTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAATTAATTGGAATGTGAA 360

QY 361 TCTGATGTACAGAAGCATATCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC 420
Db 361 TCTGATGTACAGAAGCATATCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC 420

QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTTATGTCCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTCTCTTAACCTCTGGTGAGGTCAATCTGGAGTGACATGAGTCC 540

Db 481 ATGCACCTACTCTTCTCTTAACCTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600

QY 601 GTTATATTCAGTCCAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCCAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCCTACA 660

QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTCTTAAC 780

QY 781 TCTGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840

QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960

QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTTCAATTTGGATATAGGCTTAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGCTTTTCAATTTGGATATAGGCTTAAGAAATCA 1140

QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 83
US-10-141-755-271
; Sequence 271, Application US/10141755
; Publication No. US20030054517A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C192
; CURRENT APPLICATION NUMBER: US/10/141,755

; CURRENT FILING DATE: 2002-05-08
; Prior Applioication removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-141-755-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCCGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGTGACCATGCGCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGCGCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCACTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCACTGACCTACCCC 240
QY 241 TTGCACACTACCCCTAAGGAAGAGGAGTTGTACGCAATGTGACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACTACCCCTAAGGAAGAGGAGTTGTACGCAATGTGACAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGATGTPACAGAAGCATATTCOCATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
Db 361 TCTGATGTPACAGAAGCATATTCOCATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGTGCCATTTCGCTGAATCGAGCAAGAACAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGTGCCATTTCGCTGAATCGAGCAAGAACAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTAATCTGCTGGTGAGGTCACTTCTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAATCTGCTGGTGAGGTCACTTCTGGAGTGACATGAGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGACCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGACCTACA 660
QY 661 AATTGGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTAAC 780
Db 721 CACAGGAATTTTCTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTAAC 780
QY 781 TCTGGGTGATTTTAACTACAACCTCTCTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGATTTTAACTACAACCTCTCTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTCTGAGAAGCTGAGTATCTAT 900

RESULT 84

US-10-167-749-329
; Sequence 329, Application US/10167749
; Publication No. US20030056137A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C60
; CURRENT APPLICATION NUMBER: US/10/167,749
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-167-749-329

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCGCGGAGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGAGGTTCCGGGACCGCTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGAGGTTCCGGGACCGCTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCACTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCACTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGAGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGAGTTGCAGGCTGTTT 300

QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAATCGAACTAAATGGAATGTGAA 360

QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGTAGTGAACATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGTAGTGAACATATGCTTGCCATCTTGGTTGC 420

QY 421 CAGAAATCAGCTGCCATTCGTGAACCTGAGACAAGAACAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCGTGAACCTGAGACAAGAACAACTTATGTCCTGATGCCAAA 480

QY 481 ATGACCTACTCTTTCTCTAACTCTGGTGAGGTCTTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGACCTACTCTTTCTCTAACTCTGGTGAGGTCTTCTGGAGTGACATGATGGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600

QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGAGCCTACA 660

QY 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCTTCTGCAAAATGAGAATTCACAAGCG 720
Db 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCTTCTGCAAAATGAGAATTCACAAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780

QY 781 TCTGGGTGGAATTTAACTACAACTCTTGTCTCTCGGTGATGGTATTTGCTTGGATTGT 840
Db 781 TCTGGGTGGAATTTAACTACAACTCTTGTCTCTCGGTGATGGTATTTGCTTGGATTGT 840

841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900

901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960

961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAGTGAAT 1020
961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAGTGAAT 1020

1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACATTTTCTTTTAAAGACATCTAA 1080
1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACATTTTCTTTTAAAGACATCTAA 1080

1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTTCATTTGGATATAGGCCTTAAGAAATCA 1140
1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTTCATTTGGATATAGGCCTTAAGAAATCA 1140

1141 CTATAAATGCAATAAAGTTACTCAAATCTGTG 1174
1141 CTATAAATGCAATAAAGTTACTCAAATCTGTG 1174

RESULT 85
US-10-143-032-271
; Sequence 271, Application US/10143032
; Publication No. US20030059909A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C245
; CURRENT APPLICATION NUMBER: US/10/143,032
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-143-032-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60

61 GGGAAACAAGATGGCGGCGCGGAGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
61 GGGAAACAAGATGGCGGCGCGGAGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGAGGTTCCGGGACCGCTCGGCTGAAGCA 180
121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGAGGTTCCGGGACCGCTCGGCTGAAGCA 180

181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCACTGACCTACCCC 240
181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCACTGACCTACCCC 240

241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGAGTTGCAGGCTGTTT 300
241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGAGTTGCAGGCTGTTT 300

301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAATCGAACTAAATGGAATGTGAA 360
301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAATCGAACTAAATGGAATGTGAA 360

361 TCTGCATGTACAGAAGCATATTTCCCAATCTGTAGTGAACATATGCTTGCCATCTTGGTTGC 420
361 TCTGCATGTACAGAAGCATATTTCCCAATCTGTAGTGAACATATGCTTGCCATCTTGGTTGC 420

421 CAGAAATCAGCTGCCATTCGTGAACCTGAGACAAGAACAACTTATGTCCTGATGCCAAA 480
421 CAGAAATCAGCTGCCATTCGTGAACCTGAGACAAGAACAACTTATGTCCTGATGCCAAA 480

481 ATGACCTACTCTTTCTCTAACTCTGGTGAGGTCTTCTGGAGTGACATGATGGACTCC 540
481 ATGACCTACTCTTTCTCTAACTCTGGTGAGGTCTTCTGGAGTGACATGATGGACTCC 540

541 GCACAGAGCTTCATAACCTCTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
541 GCACAGAGCTTCATAACCTCTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600

601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGAGCCTACA 660
601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGAGCCTACA 660

661 AATTGAGAGAATCATCTCTAAGCAAAATGTCTTCTGCAAAATGAGAATTCACAAGCG 720
661 AATTGAGAGAATCATCTCTAAGCAAAATGTCTTCTGCAAAATGAGAATTCACAAGCG 720

721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780

781 TCTGGGTGGAATTTAACTACAACTCTTGTCTCTCGGTGATGGTATTTGCTTGGATTGT 840
781 TCTGGGTGGAATTTAACTACAACTCTTGTCTCTCGGTGATGGTATTTGCTTGGATTGT 840

Db 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGSCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGSCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCGATGTCAGAGAGGTTGAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCGATGTCAGAGAGGTTGAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAATGAGCAAGAACAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAATGAGCAAGAACAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTAATCTGCTGAGGTGAGTCAATCTGGAGTGACATGAGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAATCTGCTGAGGTGAGTCAATCTGGAGTGACATGAGGACTCC 540
QY 541 GCACAGAGCTTCATAAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATAAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCCTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGTCTTATCTGCAAAATGAGAAATCACAAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGTCTTATCTGCAAAATGAGAAATCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACCTCTGCTCCTCTCGGTGATGGTATTTGCTTTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTACAACCTCTGCTCCTCTCGGTGATGGTATTTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGGGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
QY 1081 AATCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGATAGGCTTAAAGAAATCA 1140
Db 1081 AATCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 86

US-10-013-921A-329
; Sequence 329, Application US/10013921A
; Publication No. US20030068648A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC84
; CURRENT APPLICATION NUMBER: US/10/013,921A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689

;
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
;
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
;
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
;
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
;
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
;
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
;
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
;
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
;
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
;
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
;
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
;
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
;
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
;
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
;
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
;
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
;
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
;
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
;
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
;
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
;
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
;
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
;
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
;
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
;
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
;
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
;
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
;
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
;
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
;
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
;
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
;
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
;
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
;
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
;
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
;
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
;
; PRIOR FILING DATE: 1998-04-29

;
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
|||
Db 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
|||
Qy 61 GGAACAAGATGGCGGCGCGGAGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
|||
Db 61 GGAACAAGATGGCGGCGCGGAGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
|||
Qy 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
|||
Db 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
|||
Qy 181 TTGACTCGGTCCTGGGTGATACGGCGCTCTTGCCACCGGGCCTGTCAAGTTGACCTACCCC 240

Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTGAGAGAGGTTGAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTGAGAGAGGTTGAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGATGATGGAATTTGACCTTAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGTGATGATGGAATTTGACCTTAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCAATGACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTGTTGTC 420
Db 361 TCTGCAATGACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTGTTGTC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAATGAGCAAGAACAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAATGAGCAAGAACAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGAGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGAGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACACATTTGGAGCAGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACACATTTGGAGCAGAGCCTACA 660
QY 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACCTTGTCTCTCGGTGATGGTATTTGCTTTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTACAACCTTGTCTCTCGGTGATGGTATTTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
QY 961 GTTGTAGATCTAATAAATGAAGATCATGAAGAGCAGGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAATAAATGAAGATCATGAAGAGCAGGGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 87

US-10-123-108-271

; Sequence 271, Application US/10123108

; Publication No. US20030068793A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C36
; CURRENT APPLICATION NUMBER: US/10/123,108
; CURRENT FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063127
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063327
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063550
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063561
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063704
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063733
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063735

;
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063738
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064248
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/064809
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065846
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066453
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/069212
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069278
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069334
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069694
; PRIOR FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: 60/072320
; PRIOR FILING DATE: 1998-01-23
; PRIOR APPLICATION NUMBER: 60/073612
; PRIOR FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: 60/074086
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/074092
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081695
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081818
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082999
; PRIOR FILING DATE: 1998-04-24
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085149
; PRIOR FILING DATE: 1998-05-12

;
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086414
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/086430
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088730
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088741
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 19/98-06-11
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1174; DB 15; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAAACTGAGCTGAGCTGTGTGACAGAG 60
|||
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAAACTGAGCTGAGCTGTGTGACAGAG 60
61 GGGAAACAAGATGGCGGCGCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
|||
Db 61 GGGAAACAAGATGGCGGCGCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
121 CCGCTGCTGCTGTGACCAATGGCCCTTGGCCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
|||
Db 121 CCGCTGCTGCTGTGACCAATGGCCCTTGGCCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
181 TTGTGACTCGGTCTTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCAAGTTGACCTACCCC 240
|||
Db 181 TTGTGACTCGGTCTTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCAAGTTGACCTACCCC 240
241 TTGCACACCTACCCCTAAGNAAGAGGAGTTGTACGCATGTTCAGAGAGGTTTGAGGCTGTTT 300
QY


```
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTAA 360
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAAGAACTTATGTCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAAGAACTTATGTCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAAACCTCTTCATGGACTTTTATCTTCAAGCGGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAAACCTCTTCATGGACTTTTATCTTCAAGCGGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGCTCCTCGGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGCTCCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGATGAACAAAGCTAAGACAGATATCCAGCTTCTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGATGAACAAAGCTAAGACAGATATCCAGCTTCTCTCTTGTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGCGCCTCTACCTACAAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGCGCCTCTACCTACAAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
QY 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
```

RESULT 88

```
US-10-123-236-271
; Sequence 271, Application US/10123236
; Publication No. US20030068795A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
```

```
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C33
; CURRENT APPLICATION NUMBER: US/10/123,236
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-123-236-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGGGAAACCCCTCCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCTGGGGGAAACCCCTCCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCGCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCGCGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCAATGGCCTTGGCCGGAGGTTTGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCAATGGCCTTGGCCGGAGGTTTGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTAA 360
QY 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTTATGTCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTTATGTCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAAACCTCTTTCATGGACTTTTATCTTCAAGCGGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAAACCTCTTTCATGGACTTTTATCTTCAAGCGGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
```

QY 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCCATCTCGAAATGAGAAATTCACAAGCG 720
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAC 780
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 781 TCTGGGTGGATTTAACTACAACCTCTGTCCCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 961 GTTGTAGATCTAAACTGAAGATCAATGAAGACGAGGCGCTCTACCTACAAAAGTGAAT 1020
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

RESULT 89
US-10-123-261-271
; Sequence 271, Application US/10123261
; Publication No. US20030068796A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C42
; CURRENT APPLICATION NUMBER: US/10/123,261
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-123-261-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 121 CCGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCCTGTCACTTGAACCTCC 240
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAAGAGGTTGCAGGCTGTTT 300
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 301 TCAATTTGTCAAGTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCCATCTTGGTTGC 420
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAAACAACTTATGTCCCTGATGCCAAA 480
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCACTCTGGAGTGACATGATGGACTCC 540
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 541 GCACAGAGCTTCATAACCTCTTCAAGCAAAATGCTCTTCAAGCCGATGACGGAAAAATA 600
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCTACA 660
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 661 AATTGAGAGAATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAC 780
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCCCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTCTTGTG 960
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 1021 CTTGCTCATCTGAAATTTTAAAGCATTTTCTTTAAAGACAAGTGTAAATAGACATCTAA 1080

Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 90
US-10-140-921-271
; Sequence 271, Application US/10140921
; Publication No. US2003006879A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C175
; CURRENT APPLICATION NUMBER: US/10/140,921
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-921-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGGAAACCCCTCCGAGAAAACAGCAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTCCGAGAAAACAGCAAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGCTTGGGTGATACGGCGCTTGTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGCTTGGGTGATACGGCGCTTGTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGATGATGGAATGACTTAAATCGAACTAAATGGAATGTGAA 360

Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTTGCCATCTTTGGTTGC 420
Db 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTTGCCATCTTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTTCGCTGAACTGAGACAAGAAACAACCTTATGTCCTGTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTTCGCTGAACTGAGACAAGAAACAACCTTATGTCCTGTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTCTTAACTCTGCTGAGSTCATTTCTGGAGTGAATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTTAACTCTGCTGAGSTCATTTCTGGAGTGAATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCCTACA 660
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGTGATGCTTTTAAAGATGCCCTCTCTTAAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGTGATGCTTTTAAAGATGCCCTCTCTTAAAC 780
QY 781 TCTGGTGGATTTTAACTACAATCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTACAATCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
QY 961 GTTGTAGATCTAATAAAGTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAATAAAGTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTCAATTTGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTCAATTTGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 91
US-10-140-928-271
; Sequence 271, Application US/10140928
; Publication No. US2003006879A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney,Austin L.
; APPLICANT: Sherwood,Steven
; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C186
; CURRENT APPLICATION NUMBER: US/10/140,928
; CURRENT FILING DATE: 2002-05-07
; Prior Apploication removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
;
US-10-140-928-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCTTCCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCTTCCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGCGCGCGCCGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGTCCCG 120
Db 61 GGGAAACAAGATGCGCGCGCCGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGTCCCG 120
QY 121 CCGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGCTCTTGGGTGATACGGCGTCTTGGCACCGGCGCTGTGAGTTGACCTACCC 240
Db 181 TTTGACTCGGCTCTTGGGTGATACGGCGTCTTGGCACCGGCGCTGTGAGTTGACCTACCC 240
QY 241 TTGCACACCTACCCTAAGGAAGAGGAGTTGTACCATGTGCAGAGAGTTGCAGGCTGTT 300
Db 241 TTGCACACCTACCCTAAGGAAGAGGAGTTGTACCATGTGCAGAGAGTTGCAGGCTGTT 300
QY 301 TCAATTGTGTCAGTTTGGATGATGGAATTGACTTAAATCGAATTAATTTGGAATGTGA 360
Db 301 TCAATTGTGTCAGTTTGGATGATGGAATTGACTTAAATCGAATTAATTTGGAATGTGA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCCTTAACCTCTGGTGAGGTCAATCTGGAGTGACATGGAATGCC 540
Db 481 ATGCACCTACTCTTTCCTTAACCTCTGGTGAGGTCAATCTGGAGTGACATGGAATGCC 540
QY 541 GCACAGAGCTTCATAACCTCTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGAGGAGCTTACA 660
QY 661 AATTGAGAGAATCATCTCTAAGCAAAAATGTCCTATCTGCAAAATGAGAATTCACAAGCG 720
Db 661 AATTGAGAGAATCATCTCTAAGCAAAAATGTCCTATCTGCAAAATGAGAATTCACAAGCG 720

721 CACAGGAATTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
721 CACAGGAATTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
781 TCTGGGTGGATTTTAACTACAACACTCTTGTCTCTCGGTGATGGTATTTGGATTTGT 840
781 TCTGGGTGGATTTTAACTACAACACTCTTGTCTCTCGGTGATGGTATTTGGATTTGT 840
841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTTGTG 960
901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTTGTG 960
961 GTTGTAGATCTAAACACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
961 GTTGTAGATCTAAACACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
1021 CTTGCTCATTTCTGAAATTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
1021 CTTGCTCATTTCTGAAATTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCTTAAAGAAATCA 1140
1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCTTAAAGAAATCA 1140
1141 CTATAAATGCAATTAAGTACTCAAAATCTGTG 1174
1141 CTATAAATGCAATTAAGTACTCAAAATCTGTG 1174

RESULT 92

US-10-013-929A-329
; Sequence 329, Application US/10013929A
; Publication No. US20030072745A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrata, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
;
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C89
; CURRENT APPLICATION NUMBER: US/10/013,929A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCGCGGCGGAGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGCGGAGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGCTTTGGGTGATACGGCGCTTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGCTTTGGGTGATACGGCGCTTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTCCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTCCAGAGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTTGTGCTGTTGTTGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGA 360
Db 301 TCAATTTGTGCTGTTGTTGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGA 360

QY 361 TCTGCATGTACAGAAAGCATATTTCCCATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAAGCATATTTCCCATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420

QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCAATGACATTTTATCTTCAAGCCGATGACGGAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCAATGACATTTTATCTTCAAGCCGATGACGGAAAATA 600

QY 601 GTTATATCCAGTCTAAGCCAGAAAATCCAGTACGCCACCACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAAATCCAGTACGCCACCACATTTGGAGCAGGAGCCTACA 660

QY 661 AATTGAGAGAATCATCTCTAAGCAAAAATGTCCTATCTGCAATGAGAAAATTCACAAGCG 720
Db 661 AATTGAGAGAATCATCTCTAAGCAAAAATGTCCTATCTGCAATGAGAAAATTCACAAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780

781 TCTGGGTGGATTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
781 TCTGGGTGGATTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840

841 TGTGCAACTGTTGCTACAGCTGIGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
841 TGTGCAACTGTTGCTACAGCTGIGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

901 GGTGACTTGGAGTTTATGAATGAACAAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
901 GGTGACTTGGAGTTTATGAATGAACAAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960

961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAAGCAGGGCCTCTACCTACAAAAAGTGAAT 1020
961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAAGCAGGGCCTCTACCTACAAAAAGTGAAT 1020

1021 CTTGCTCATTCGAAAAATTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
1021 CTTGCTCATTCGAAAAATTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080

1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140

1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174
1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 93

US-10-016-177A-329
; Sequence 329, Application US/10016177A
; Publication No. US20030073131A1
; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C90
; CURRENT APPLICATION NUMBER: US/10/016,177A
; CURRENT FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 329
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-016-177A-329

Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAAACAACTTATGTCCTGATGCCAAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAAACAACTTATGTCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCAATCAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCAATCAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACCTCTGCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTACAACCTCTGCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
QY 961 GTTGTAGATCTAATACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAATACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATTTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATTTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 95
US-10-123-292-271
; Sequence 271, Application US/10123292
; Publication No. US20030073211A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C32
; CURRENT APPLICATION NUMBER: US/10/123,292
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-123-292-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAACAAGATGGCGGCGCCGGAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAACAAGATGGCGGCGCCGGAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGTGACCATGGCCTTGGCCGGAGGTTTGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCCTTGGCCGGAGGTTTGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGCGCTTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGCGCTTCAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGCTGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGCTGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAAACAACTTATGTCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAAACAACTTATGTCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCAATCAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCAATCAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720

QY 721 CACAGAAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db |||||
QY 721 CACAGAAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db |||||
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db |||||
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db |||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db |||||
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db |||||
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db |||||
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCTTAAGAAATCA 1140
Db |||||
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db |||||

RESULT 96

US-10-123-903-271
; Sequence 271, Application US/10123903
; Publication No. US20030073212A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Defoige, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C51
; CURRENT APPLICATION NUMBER: US/10/123,903
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-123-903-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db |||||
QY 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db |||||
QY 61 GGGAAACAAGATGGCGGCGCGGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db |||||
QY 61 GGGAAACAAGATGGCGGCGCGGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db |||||
QY 121 CCGCTGCTGCTGCTGACCAATGGCCCTTGGCCGGAGGTTGCGGGGACCGCTTCGGCTGAAGCA 180
Db |||||
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCAGTTGACCTACCCC 240
Db |||||
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCAGTTGACCTACCCC 240
Db |||||
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTA CGCATGTGTCAGAGAGGTTGCAGGCTGTTT 300
Db |||||
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTA CGCATGTGTCAGAGAGGTTGCAGGCTGTTT 300
Db |||||
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTTAAATCGAACTAAATTTGGAATGTGAA 360
Db |||||
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTTAAATCGAACTAAATTTGGAATGTGAA 360
Db |||||
QY 361 TCTGCATGTACAGAAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db |||||
QY 361 TCTGCATGTACAGAAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db |||||
QY 421 CAGAATCAGCTGCCATTTCGTGAACTGAGACAAAGAAACAATTTATGTCCTGATGCCAAAA 480
Db |||||
QY 421 CAGAATCAGCTGCCATTTCGTGAACTGAGACAAAGAAACAATTTATGTCCTGATGCCAAAA 480
Db |||||
QY 481 ATGCACCTACTCTTTTCTTAACTCTGGTGAGGTCAATTCGGAGTGACATGATGGACTCC 540
Db |||||
QY 481 ATGCACCTACTCTTTTCTTAACTCTGGTGAGGTCAATTCGGAGTGACATGATGGACTCC 540
Db |||||
QY 541 GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db |||||
QY 541 GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db |||||
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCTACA 660
Db |||||
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCTACA 660
Db |||||
QY 661 AATTGAGAGAAATCATCTTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db |||||
QY 661 AATTGAGAGAAATCATCTTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db |||||
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db |||||
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db |||||
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db |||||
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db |||||
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db |||||
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db |||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db |||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db |||||
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCCTACCTACAAAAGTGAAT 1020
Db |||||
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCCTACCTACAAAAGTGAAT 1020
Db |||||
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db |||||
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db |||||
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCTTAAGAAATCA 1140
Db |||||

Db 1081 AATCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 97

US-10-124-819-271
; Sequence 271, Application US/10124819
; Publication No. US20030073213A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C65
; CURRENT APPLICATION NUMBER: US/10/124,819
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-124-819-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGGAGAGGAGCCCTTGGGTGAGGACCCAACTGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAGAGGAGCCCTTGGGTGAGGACCCAACTGGGCTCCCG 120
QY 121 CCGCTGCTGCTGTGACCAATGGCCCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCAATGGCCCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTCGCCACCGGGCCTGTCACTTACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTCGCCACCGGGCCTGTCACTTACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAAGAGGTTGCAGGCTGTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAAGAGGTTGCAGGCTGTT 300
QY 301 TCAATTTGTGAGTTGTGGATGATGGAATGAACTAAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTGTGGATGATGGAATGAACTAAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCAATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

Db 361 TCTGCATGTACAGAAGCAATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAGAAACAACCTTTATGTCCTGTATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAGAAACAACCTTTATGTCCTGTATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTCTTAACTCTGGTGAGGTCACTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTTAACTCTGGTGAGGTCACTCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCAATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCAATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCAACATTTGGAGCAGGACCTACA 660
Db 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCAACATTTGGAGCAGGACCTACA 660
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTTAAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCTCTCTTAAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTTGCTTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTTGCTTTGGATTTGT 840
QY 841 TGTCGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGTGAATCTAT 900
Db 841 TGTCGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGTGAATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
QY 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 98

US-10-124-822-271
; Sequence 271, Application US/10124822
; Publication No. US20030073214A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas,Daniel
APPLICANT: Watanabe,Colin K
APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C64
CURRENT APPLICATION NUMBER: US/10/124,822
CURRENT FILING DATE: 2002-04-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-124-822-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db |||||
QY 61 GGGAAACAAGATGGCGGCGCGGAGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db |||||
QY 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db |||||
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAAGTTGACCTACCCC 240
Db |||||
QY 241 TTGCACACTACCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGACGGCTGTTT 300
Db |||||
QY 301 TCAATTTGTGATGATGGAATGACCTTAAATCGAACTAAATGGAATGTGAA 360
Db |||||
QY 361 TCTGCATGACAGAGCATATTCCTCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
Db |||||
QY 421 CAGAATCAGCTGCCATTCGCTGACTGAGCAAGAACAACTTATGTCCCTGATGCCAAA 480
Db |||||
QY 481 ATGCACCTACTCTTCTCTAATCTGCTGAGGTCATTCGGAGTGACATGATGGACTCC 540
Db |||||
QY 541 GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAATA 600
Db |||||
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTACA 660
Db |||||
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCAGAGCG 720
Db |||||
QY 721 CACAGGAATTTTCTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db |||||

QY 781 TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTCGTTTGGATTTGT 840
Db |||||
QY 841 TGTCGAAGTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db |||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
Db |||||
QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGGAGGAGGCTCTACCTACAAAGTGAAT 1020
Db |||||
QY 1021 CTTGCTCAATCTGAAATTTAAGCATTTTCTTTAAAGACAAAGTGTATAGACATCTAA 1080
Db |||||
QY 1081 AATTCACCTCCTCATAGAGCTTTTAAATGTTTCAATGATATAGGCTTAAAGAAATCA 1140
Db |||||
QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db |||||

RESULT 99

US-10-140-925-271

; Sequence 271, Application US/10140925

; Publication No. US20030073215A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C187

; CURRENT APPLICATION NUMBER: US/10/140,925

; Prior Application removed - See Palm or File Wrapper

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 271

; LENGTH: 1174

; TYPE: DNA

; ORGANISM: Homo Sapien

US-10-140-925-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db |||||
QY 61 GGGAAACAAGATGGCGGCGCGGAGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

QY	481	ATGCACCTACTCTTTCCCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC	540
DB			
QY	481	ATGCACCTACTCTTTCCCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC	540
DB			
QY	541	GCACAGAGCTTCATAAACCTCTTCATGGACTTTTTTATCTTCAAGCCGATGACGGAAAAATA	600
DB			
QY	541	GCACAGAGCTTCATAAACCTCTTCATGGACTTTTTTATCTTCAAGCCGATGACGGAAAAATA	600
DB			
QY	601	GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCCTACA	660
DB			
QY	601	GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCCTACA	660
DB			
QY	661	AATTTGAGAGAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG	720
DB			
QY	661	AATTTGAGAGAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG	720
DB			
QY	721	CACAGGAATTTCTTGAAGATGGAGAAATGATGGCTTTTAAAGATGCCTCTCTCTTAAAC	780
DB			
QY	721	CACAGGAATTTCTTGAAGATGGAGAAATGATGGCTTTTAAAGATGCCTCTCTCTTAAAC	780
DB			
QY	781	TCGSGGTGGATTTTAACTACAACCTCTTGTCCTCTCGGTGATGGTATTGCTTTGGATTTGT	840
DB			
QY	781	TCGSGGTGGATTTTAACTACAACCTCTTGTCCTCTCGGTGATGGTATTGCTTTGGATTTGT	840
DB			
QY	841	TGTGCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT	900
DB			
QY	841	TGTGCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT	900
DB			
QY	901	GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG	960
DB			
QY	901	GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG	960
DB			
QY	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAAGTGAAT	1020
DB			
QY	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAAGTGAAT	1020
DB			
QY	1021	CTTTGCTCATTTCTGAATTTAAGCATTTTTTCTTTTAAAAGACAAGTGTAAATAGACATCTAA	1080
DB			
QY	1021	CTTTGCTCATTTCTGAATTTAAGCATTTTTTCTTTTAAAAGACAAGTGTAAATAGACATCTAA	1080
DB			
QY	1081	AATTCCTACTCCTCATAGAGCTTTTAAAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA	1140
DB			
QY	1081	AATTCCTACTCCTCATAGAGCTTTTAAAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA	1140
DB			
QY	1141	CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG	1174
DB			
QY	1141	CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG	1174
DB			

RESULT 101

US-10-124-824-271
; Sequence 271, Application US/10124824
; Publication No. US20030077659A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTTG 960
QY 961 GTTCTTAGATCTAAAACTGAAGATCATGAAGAACAGGGCCCTCTACTACAAAAGTGAAT 1020
Db 961 GTTCTTAGATCTAAAACTGAAGATCATGAAGAACAGGGCCCTCTACTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 102

US-10-127-825A-271

; Sequence 271, Application US/10127825A

; Publication No. US20030077710A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C84

; CURRENT APPLICATION NUMBER: US/10/127,825A

; CURRENT FILING DATE: 2002-04-22

; PRIOR APPLICATION NUMBER: 60/049911

; PRIOR FILING DATE: 1997-06-18

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-18

; PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19

; PRIOR APPLICATION NUMBER: 60/059588

; PRIOR FILING DATE: 1997-09-19

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-825A-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCTGGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCTGGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCGCGAAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCGCGAAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTTGTCAAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTAA 360
Db 301 TCAATTTTGTCAAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTAA 360
QY 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTTCGCTGAACTGAGACAAGAACTTATGTCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTTCGCTGAACTGAGACAAGAACTTATGTCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTCTCTAATCTGGTGGTCAATCTGGAGTGATGATGAGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAATCTGGTGGTCAATCTGGAGTGATGATGAGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTTCCAGTCTAAGCCAGAAATCCAGTACCGACCAATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTTCCAGTCTAAGCCAGAAATCCAGTACCGACCAATTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGAAATCATCTTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTAACAATCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTAACAATCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960

Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 104
US-10-127-835A-271
; Sequence 271, Application US/10127835A
; Publication No. US2003007712A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C102

; CURRENT APPLICATION NUMBER: US/10/127,835A

; CURRENT FILING DATE: 2002-10-15

; PRIOR APPLICATION NUMBER: 60/049911

; PRIOR FILING DATE: 1997-06-18

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-18

; PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19

; PRIOR APPLICATION NUMBER: 60/059588

; PRIOR FILING DATE: 1997-09-19

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 271

; LENGTH: 1174

; TYPE: DNA

; ORGANISM: Homo Sapien

US-10-127-835A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGTGGGGAAACCTTCCGAGAAACACAGCAACAGCTGAGCTGCTGACAGAG 60

Db 1 CGGACCGTGGGGAAACCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGAAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGAAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCAATGGCCCTTGGCCGGAGGTTCCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCAATGGCCCTTGGCCGGAGGTTCCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTTGGGTGATACGGCGCTTTTGCCACCGGGCCCTGTCAAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTTGGGTGATACGGCGCTTTTGCCACCGGGCCCTGTCAAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTTAAATCGAACTAAATTTGGAATGTGA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTTAAATCGAACTAAATTTGGAATGTGA 360
QY 361 TCTGATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTTGGTTGC 420
Db 361 TCTGATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTTCGCTGAACTTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAAATCAGCTGCCATTTCGCTGAACTTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAACACATTTGGAGCAGGACCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAACACATTTGGAGCAGGACCTACA 660
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGSGTTTTTAAAGATGCCTCTCTTAAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGSGTTTTTAAAGATGCCTCTCTTAAAC 780
QY 781 TCTGGGTGATTTTAACTACAACTCTTGTCCCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGATTTTAACTACAACTCTTGTCCCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTTAAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTTAAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140

QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 105

US-10-127-839A-271
; Sequence 271, Application US/10127839A
; Publication No. US2003007713A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C105
; CURRENT APPLICATION NUMBER: US/10/127,839A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-839A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. NO. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGGCCACGGGCGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTTGGGTGATACGGCGTCTTGGCCACGGGCGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGCTGAGTTTGTGGATGATGAAATTTGACTTTAAATCGAACTAAATTTGGAATGTAA 360
Db 301 TCAATTTGTGCTGAGTTTGTGGATGATGAAATTTGACTTTAAATCGAACTAAATTTGGAATGTAA 360
QY 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTTCGCTGAATGAGCAAGAACAACTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTTCGCTGAATGAGCAAGAACAACTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTCTTAACCTCTGGTGAGGTCACTTCTGGAGTGACATGATGACTCC 540
Db 481 ATGCACCTACTCTTTCTTAACCTCTGGTGAGGTCACTTCTGGAGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACA 660
QY 661 AATTGAGAGAAATCATCTTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTTGGATTGT 840
QY 841 TGTCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTCAACTGTTGTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCTTGGATATAGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCTTGGATATAGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 106
US-10-127-901A-271
; Sequence 271, Application US/10127901A
; Publication No. US20030077714A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C86
; CURRENT APPLICATION NUMBER: US/10/127,901A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-901A-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGACAAGATGGCGCGCGCGAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
Db 61 GGGACAAGATGGCGCGCGCGAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
Db 181 TTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240

Db 181 TTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGAGTTGTACGCATGTACAGAGAGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGAGTTGTACGCATGTACAGAGAGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTGTGATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAA 360
Db 301 TCAATTTGTGAGTTGTGATGAAATGAAATGAAATGAAATGAAATGAAATGAAATGAA 360
QY 361 TCTGCATGTACAGAAAGCATATTCCTCAATCTGATGAGCAATATGCTTCCCATCTTGGTTC 420
Db 361 TCTGCATGTACAGAAAGCATATTCCTCAATCTGATGAGCAATATGCTTCCCATCTTGGTTC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACTGAGACAAAGCAAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACTGAGACAAAGCAAACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCCCTTAACTCTGGTGGGTGAGTCAATCTGGAGTGACATGGACTCC 540
Db 481 ATGCACCTACTCTTTCCCTTAACTCTGGTGGGTGAGTCAATCTGGAGTGACATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGAGCCTACA 660
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGTGGTAAAGATGCCCTCTCTTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGTGGTAAAGATGCCCTCTCTTTAAC 780
QY 781 TCTGGGTGGATTTTAACTAAGTCTTGTCTCTCGGTGATGGTATTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTAAGTCTTGTCTCTCGGTGATGGTATTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAATCTGAAGATCATGAAGAGAGAGGGGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAATCTGAAGATCATGAAGAGAGAGGGGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCTCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCTCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 107
US-10-128-693A-271
; Sequence 271, Application US/10128693A
; Publication No. US20030077715A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C120
CURRENT APPLICATION NUMBER: US/10/128,693A
CURRENT FILING DATE: 2002-04-23
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-128-693A-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCGCGAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCGCGAGGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGCGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGCGCTTGGCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGCGCTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGCGCTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACCGCATGTGAGAGGTTGACGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACCGCATGTGAGAGGTTGACGGCTGTTT 300

QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
QY 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTTCGTTGAATGAGCAAGAAACAATTTATGTCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTTCGTTGAATGAGCAAGAAACAATTTATGTCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTTCCCTTAATCTGTTGAGGTCATTTCTGGAGTGACATGAGGACTCC 540
Db 481 ATGCACCTACTCTTTTCCCTTAATCTGTTGAGGTCATTTCTGGAGTGACATGAGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGACCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGACCTACA 660
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGAGAAAGTATGTCCTCTCGGTGATGTTGCTTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGAGAAAGTATGTCCTCTCGGTGATGTTGCTTCTCTTAAC 780
QY 781 TCTGGGTGATTTTAACTACAATCTTGTCTCTCTCGGTGATGTTGCTTCTTGGATTGT 840
Db 781 TCTGGGTGATTTTAACTACAATCTTGTCTCTCTCGGTGATGTTGCTTCTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTANTAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTANTAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTTGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTTGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 108
US-10-131-813A-271
; Sequence 271, Application US/10131813A
; Publication No. US20030077716A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard,Audrey
APPLICANT: Godowski,Paul J.
APPLICANT: Gurney,Austin L.
APPLICANT: Sherwood,Steven
APPLICANT: Smith,Victoria
APPLICANT: Stewart,Timothy A.
APPLICANT: Tumas,Daniel
APPLICANT: Watanabe,Colin K
APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C139
CURRENT APPLICATION NUMBER: US/10/131,813A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-131-813A-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACCGGTGGGGAAACCCCTCCGAGAAAACAGCAACAAAGCTGAGCTGTGACAGAG 60
Db 1 CGGACCGGTGGGGAAACCCCTCCGAGAAAACAGCAACAAAGCTGAGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGCTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGCTCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTGTGGATGATGGAATTGACTTAAATCGAATTAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTGTGGATGATGGAATTGACTTAAATCGAATTAATTTGGAATGTGAA 360
QY 361 TCTGATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC 420

Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGGCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTGGCTGAACCTGAGACAAGAAACAACCTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTGGCTGAACCTGAGACAAGAAACAACCTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACITTTTATCTTCAAGCCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACITTTTATCTTCAAGCCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAACATTTGGAGCAGGACCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAACATTTGGAGCAGGACCTACA 660
QY 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCGGTGATGGTATTCCTTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCGGTGATGGTATTCCTTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGATATAGGCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGATATAGGCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAATCTGTG 1174
RESULT 109
US-10-131-818A-271
; Sequence 271, Application US/10131818A
; Publication No. US20030077717A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas,Daniel
APPLICANT: Watanabe,Colin K
APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C141
CURRENT APPLICATION NUMBER: US/10/131,818A
CURRENT FILING DATE: 2002-10-17
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-131-818A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGGTGGGGGAAACCCCTCCGAGAAACACAGCAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACCGGTGGGGGAAACCCCTCCGAGAAACACAGCAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCCGCGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGCGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGGCTTGGCCACCGGSCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGGCTTGGCCACCGGSCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTGTGGATGATGGAATGACTTAAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTGTGGATGATGGAATGACTTAAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTCCCATCTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTCCCATCTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTATGTCCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGACCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGACCTACA 660
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGAGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGTGATGGTATTGCTTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGTGATGGTATTGCTTTGGATTTGT 840
QY 841 TGTGCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGATCTAT 900
Db 841 TGTGCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAAGAGAGGAGCTTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAAGAGAGGAGCTTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCAATCTGAAATTTAAGCAATTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCAATCTGAAATTTAAGCAATTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 110
US-10-131-823A-271
; Sequence 271, Application US/10131823A
; Publication No. US20030077718A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C143
CURRENT APPLICATION NUMBER: US/10/131,823A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-131-823A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
DB 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGAACAAGATGGCGGCGCGGAGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
DB 61 GGAACAAGATGGCGGCGCGGAGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGACCATGGCCTTGGCCGAGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
DB 121 CCGCTGCTGCTGACCATGGCCTTGGCCGAGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCAGCGGCTGTCACTGACCTACCCC 240
DB 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCAGCGGCTGTCACTGACCTACCCC 240
QY 241 TTGACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGGTTGCAGGCTGTTT 300
DB 241 TTGACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTGTGCTAGTTTGTGGATGATGGAATTGACTTAAATCGAATTAATTGGAATGTGAA 360
DB 301 TCAATTGTGCTAGTTTGTGGATGATGGAATTGACTTAAATCGAATTAATTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
DB 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTGCTGAACTGAGACAAGAACACTTATGTCCCTGATGCCAAA 480
DB 421 CAGAATCAGCTGCCATTGCTGAACTGAGACAAGAACACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCATCTGGAGTGACATGAGTGGACTCC 540
DB 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCATCTGGAGTGACATGAGTGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600

DB 541 GCACAGAGCTTCATAACCTCTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCTTACA 660
DB 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCTTACA 660
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
DB 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
DB 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCTCGGTGATGGTATTTGGATTTGT 840
DB 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCTCGGTGATGGTATTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
DB 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
DB 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACTACAAAGTGAAT 1020
DB 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACTACAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAATTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
DB 1021 CTTGCTCATTTCTGAATTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCTTAAGAAATCA 1140
DB 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
DB 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 111
US-10-131-824A-271
; Sequence 271, Application US/10131824A
; Publication No. US20030077719A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C126
; CURRENT APPLICATION NUMBER: US/10/131,824A
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-131-824A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCGCGGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGACCATGGCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGGAAGCA 180
Db 121 CCGCTGCTGCTGACCATGGCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCCTGTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCCTGTCAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGACGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGACGGCTGTTT 300

QY 301 TCAATTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAATAAATGGAATGTGAA 360
Db 301 TCAATTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAATAAATGGAATGTGAA 360

QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

QY 421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAGAACAACTTATGTCTCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAGAACAACTTATGTCTCCTGATGCCAAAA 480

QY 481 ATGCACCTACTCTTTCCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAATA 600

QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCCTACA 660

661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
721 CACAGGAATTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
721 CACAGGAATTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
781 TCTGGGTGGATTTTAACTAACAATCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840
781 TCTGGGTGGATTTTAACTAACAATCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840
841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTTTGTG 960
901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTTTGTG 960
961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCTCTACCTACAAAAGTGAAT 1020
961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCTCTACCTACAAAAGTGAAT 1020
1021 CTTGCTCATTTCTGAAATTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
1021 CTTGCTCATTTCTGAAATTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTAAAGAAATCA 1140
1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTAAAGAAATCA 1140
1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 112

US-10-131-830A-271
; Sequence 271, Application US/10131830A
; Publication No. US20030077720A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C137
; CURRENT APPLICATION NUMBER: US/10/131,830A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-131-830A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGAGGGAGCCTCTGGGTGAGGACCCAACTGGGGTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAGGGAGCCTCTGGGTGAGGACCCAACTGGGGTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCACCGGCGCTGTGAGTTGACCTACCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCACCGGCGCTGTGAGTTGACCTACCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGGTTGCAGGCTGTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGAGAGGTTGCAGGCTGTT 300
QY 301 TCAATTTGTGCTGATGATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGA 360
Db 301 TCAATTTGTGCTGATGATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAGCAAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAGCAAACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCCTCTAACTCTGGTGAGGTCATTTCTGGAGTGACATGAGCTCC 540
Db 481 ATGCACCTACTCTTTCCTCTAACTCTGGTGAGGTCATTTCTGGAGTGACATGAGCTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCTTACA 660
QY 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGCTTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAC 780

Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGAUGGATTTGCTTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGAUGGATTTGCTTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAGCAAGTAAACAGATATCCAGCTTCTTCTTTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAGCAAGTAAACAGATATCCAGCTTCTTCTTTG 960
QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTAAGCATTTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTAAGCATTTTCTTTTAAAGCAAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAGTTACTCAAATCTGTG 1174

RESULT 113

US-10-131-837A-271
; Sequence 271, Application US/10131837A
; Publication No. US20030077721A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C131
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263

```

; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-131-837A-271

Query Match      100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCGCGAAGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGAAGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAGCA 180

QY 181 TTTGACTCGGCTCTTGGGTGATACGGCGCTCTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGCTCTTGGGTGATACGGCGCTCTGCCACCGGGCCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCCAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCCAGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTTGTGCTGTTGTGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGCTGTTGTGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360

QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

QY 421 CAGAATCAGCTGCCATTCCGTGAACCTGAGACAAAGCAAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCCGTGAACCTGAGACAAAGCAAACTTATGTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTCCTTAACTCTGGTGAGTCAATCTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTTCCTTAACTCTGGTGAGTCAATCTGGAGTGACATGAGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCAATTTGGAGCAGGAGCCTACA 660

QY 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAATAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAATAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780

QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCCTCGGTGATGTTTGGATTGTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCCTCGGTGATGTTTGGATTGTTGT 840
```

```

QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960

QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAGTGAAT 1020

QY 1021 CTTGCTCATTTCTGAATTAAGCATTTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAATTAAGCATTTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCTTAAGAAATCA 1140

QY 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATTAAGTTACTCAAAATCTGTG 1174
```

RESULT 114

```

US-10-137-872A-271
; Sequence 271, Application US/10137872A
; Publication No. US2003007722A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: F3330R1C150
; CURRENT APPLICATION NUMBER: US/10/137,872A
; CURRENT FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
```


; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-137-872A-271

Query Match
Best Local Similarity 100.0%; Score 1174; DB 15; Length 1174;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGCGCCGCGGAGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGCGGAGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTGGGTGATACGGCGCTTGGCCACCGGCGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTGGGTGATACGGCGCTTGGCCACCGGCGCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTTGCAGCTGTTT 300
Db 241 TTGCACACCTACCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTTGCAGCTGTTT 300

QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTAA 360

QY 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

QY 421 CAGAAATCAGCTGCCATTGCTGTAAGTGAAGTGAAGCAAGCAAGCAAGCAAGTATGTCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTGCTGTAAGTGAAGTGAAGCAAGCAAGCAAGCAAGTATGTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAATAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAATAAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGACCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGACCTTACA 660

QY 661 AATTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGAAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGAAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780

QY 781 TCTGGGTGAATTTAACTACAACCTTTGTCCTCTCGGTGATGGTATGCTTTGGAATTTGT 840
Db 781 TCTGGGTGAATTTAACTACAACCTTTGTCCTCTCGGTGATGGTATGCTTTGGAATTTGT 840

QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960

Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960

QY 961 GTTGTAGATCTAAAACCTGAAGATCATGGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCTTAAGAAATCA 1140

QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 115
US-10-147-500-271
; Sequence 271, Application US/10147500
; Publication No. US20030077723A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C325
; CURRENT APPLICATION NUMBER: US/10/147,500
; CURRENT FILING DATE: 2002-05-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-147-500-271

Query Match
Best Local Similarity 100.0%; Score 1174; DB 15; Length 1174;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGCGCCGCGGAGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGCGGAGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTGGGTGATACGGCGCTTGGCCACCGGCGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTGGGTGATACGGCGCTTGGCCACCGGCGCTGTGAGTTGACCTACCCC 240

Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGAGCCTACA 660
Qy 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTACAACCTCTTGCCTCTCGGTGATGGTATTTGGAATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTCTTGCCTCTCGGTGATGGTATTTGGAATTTGT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Qy 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Qy 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGCCCTTAAGAATCA 1140
Db 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGCCCTTAAGAATCA 1140
Qy 1141 CTATAAAATGCAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAATAAAGTTACTCAAATCTGTG 1174

RESULT 117

US-10-147-515-271

; Sequence 271, Application US/10147515

; Publication No. US2003007725A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C342

; CURRENT APPLICATION NUMBER: US/10/147,515

; CURRENT FILING DATE: 2002-05-17

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 271

; LENGTH: 1174

; TYPE: DNA

; ORGANISM: Homo Sapien

US-10-147-515-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGAACAAGATGGCGCGCCCGAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGAACAAGATGGCGCGCCCGAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Qy 121 CCGTGTCTGTCTGCTGACCATGGCCTTGGCCGGAGGTTTCGGGACCCGCTTCGGCTGAAGCA 180
Db 121 CCGTGTCTGTCTGCTGACCATGGCCTTGGCCGGAGGTTTCGGGACCCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCACCGGGCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCACCGGGCCTGTGAGTTGACCTACCCC 240
Qy 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
Qy 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Qy 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Qy 421 CAGAAATCAGCTGCCATTCCGTGAATGAGCAAGAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCCGTGAATGAGCAAGAACTTATGTCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTTTCTCTAACTCTGCTGAGTCAATCTGAGTGCATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTTCTCTAACTCTGCTGAGTCAATCTGAGTGCATGATGGACTCC 540
Qy 541 GCACAGAGCTTCATAACCTTTTCATGGACCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTTTTCATGGACCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Qy 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCAACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCAACATTTGGAGCAGGAGCCTACA 660
Qy 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGTGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGTGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTTGGAATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTTGGAATTTGT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Qy 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020

QY 1021 CTGTGCTCATTCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTGTGCTCATTCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATATAAATGCAATATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAATATAAAGTTACTCAAATCTGTG 1174
RESULT 118
US-10-147-517-271
; Sequence 271, Application US/10147517
; Publication No. US2003007726A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C337
; CURRENT APPLICATION NUMBER: US/10/147,517
; CURRENT FILING DATE: 2002-05-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-147-517-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCCGAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGGTTGAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGGTTGAGGCTGTTT 300

QY 301 TCAATTTGTCAGTTTGTGGATGATGGAAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAAGCAAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACTGAGACAAGCAAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGAGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTTTATCTTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTTTATCTTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACACACATTTGGAGCAGGACCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACACACATTTGGAGCAGGACCTACA 660
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAATCTTTGCTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAATCTTTGCTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGATCTAT 900
Db 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGATCTAT 900
QY 901 GGTGACTTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
Db 901 GGTGACTTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 119
US-10-147-526-271
; Sequence 271, Application US/10147526
; Publication No. US2003007727A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Sherwood,Steven
; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C343
; CURRENT APPLICATION NUMBER: US/10/147,526
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-147-526-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGCTGGGGAAACCCCTCCGAGAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGGCTGGGGAAACCCCTCCGAGAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCGCCGAAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGGTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGGTGAAGCA 180

QY 181 TTTGACTCGGTCTGGGTGATACGGCGTCTTGCCACCGGGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTGGGTGATACGGCGTCTTGCCACCGGGCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTTGTGCTGTTGGTGTGATGGAATGACTTAAATCGAACTAAATTTGGAATGTAA 360
Db 301 TCAATTTGTGCTGTTGGTGTGATGGAATGACTTAAATCGAACTAAATTTGGAATGTAA 360

QY 361 TCTGCATGTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGGTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGGTGC 420

QY 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTATATGTCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTATATGTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTCTCTAATCTCTGGTGGGTGATGAGCAATATGCTTGCCATCTTGGTGC 540
Db 481 ATGCACCTACTCTTCTCTAATCTCTGGTGGGTGATGAGCAATATGCTTGCCATCTTGGTGC 540

QY 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660

QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATTCCTATCTGCAATGAGAAATTCACAGCG 720

Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTCTATCTGCAATGAGAAATTCACAGCG 720
QY 721 CACAGGAAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCTCGGTGATGGTATTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCTCGGTGATGGTATTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATATAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATATAAGTTACTCAAAATCTGTG 1174

RESULT 120
US-10-147-527-271
; Sequence 271, Application US/10147527
; Publication No. US20030077728A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C353
; CURRENT APPLICATION NUMBER: US/10/147,527
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-147-527-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGTGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGTGTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGAAGGGAGCCCTCGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGAAGGGAGCCCTCGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGTGTCTGCTGACCAATGGCCCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGTGTCTGCTGACCAATGGCCCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGCGCTGTGACCTACCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGCGCTGTGACCTACCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTGTGAGTGAATGGAATGACTTAAATCGAATCGAATCGAATGGAATGGA 360
Db 301 TCAATTTGTGAGTGTGAGTGAATGGAATGACTTAAATCGAATCGAATCGAATGGAATGGA 360
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAACTCAGCTGCCATTCGCTGAATGGAATGGAATGGAATGGAATGGAATGGAATGGA 480
Db 421 CAGAACTCAGCTGCCATTCGCTGAATGGAATGGAATGGAATGGAATGGAATGGAATGGA 480
QY 481 ATGCACCTACTCTTTCCCTCTAATCTGCTGAGTCAATCTGAGTGACATGAGTGCCTCC 540
Db 481 ATGCACCTACTCTTTCCCTCTAATCTGCTGAGTCAATCTGAGTGACATGAGTGCCTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTATGAGTCAATCTTATTTTATCTTCAAGCCGATGACGAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTATGAGTCAATCTTATTTTATCTTCAAGCCGATGACGAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGAGCCTACA 660
QY 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAATTCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGAGAAAGTGAATGAGTGGCTTTTAAAGTGCCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAAAGTGAATGAGTGGCTTTTAAAGTGCCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAATCTTGTCTCTCGGTGATGGTATTTGGTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAATCTTGTCTCTCGGTGATGGTATTTGGTGGATTTGT 840
QY 841 TGTGCACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080

QY 1081 AATTCCTCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCTCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
RESULT 121
US-10-121-041-271
; Sequence 271, Application US/10121041
; Publication No. US2003007776A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C9
; CURRENT APPLICATION NUMBER: US/10/121,041
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-121-041-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGTGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGTGTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGAAGGGAGCCCTCGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGAAGGGAGCCCTCGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGTGTCTGCTGACCAATGGCCCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGTGTCTGCTGACCAATGGCCCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGGCTGTGACCTACCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGGCTGTGACCTACCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTGTGAGTGAATGGAATGACTTAAATCGAATCGAATCGAATGGAATGGA 360
Db 301 TCAATTTGTGAGTGTGAGTGAATGGAATGACTTAAATCGAATCGAATCGAATGGAATGGA 360
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

Db 361 TCTGATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTGCTGAATGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTGCTGAATGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTCTTAACCTCTGCTGAGGTCAATCTGGAGTGACATGATGACTCC 540
Db 481 ATGCACCTACTCTTCTTAACCTCTGCTGAGGTCAATCTGGAGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGACTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGACTACA 660
QY 661 AATTGGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCCTCTCTTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCCTCTCTTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTCTCTCTCGGTGATGATTTGCTTTGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTCTTCTCTCTCGGTGATGATTTGCTTTGATTTGT 840
QY 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
QY 961 GTTGTAGATCTAATAAATTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1020
Db 961 GTTGTAGATCTAATAAATTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 122
US-10-121-043-271
; Sequence 271, Application US/10121043
; Publication No. US2003007777A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C15
; CURRENT APPLICATION NUMBER: US/10/121,043
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-121-043-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCCCGAAGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCCCGAAGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGTGTCTGTCTGCTGACCATGGCCTTGGCCGGAGGTTTGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGTGTCTGTCTGCTGACCATGGCCTTGGCCGGAGGTTTGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACGGGCGCTGTCAAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACGGGCGCTGTCAAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGGATGATGAAATGAACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGAAATGAACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGATGTACAGAAGCATATTTCCCAATCTGTAGAGCAATATGTTGCCATCTTGGTTGC 420
Db 361 TCTGATGTACAGAAGCATATTTCCCAATCTGTAGAGCAATATGTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTTCGCTGAATGAGACAAGAACAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTTCGCTGAATGAGACAAGAACAACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTCTTAACCTCTGGTGAGGTCAATCTGGAGTGACATGATGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTTAACCTCTGGTGAGGTCAATCTGGAGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTCATAACCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGACTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGACTACA 660
QY 661 AATTGGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCCTCTCTTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCCTCTCTTTAAC 780

```
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAATAAAGTTACTCAAATCTG 1174
Db 1141 CTATAAAATGCAATAAAGTTACTCAAATCTG 1174
```

RESULT 123

```
US-10-121-047-271
; Sequence 271, Application US/10121047
; Publication No. US2003007778A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C4
; CURRENT APPLICATION NUMBER: US/10/121,047
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-121-047-271
```

```
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAAAGCTGAGCTGCTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAAAGCTGAGCTGCTGACAGAG 60
```

```
QY 61 GGGAAACAAGATGGCGCGCGCGAAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCGCGAAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGGCCCTGTCAAGTACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTCTTGCCACCGGGCCCTGTCAAGTACCTACCCC 240
QY 241 TTGCACACCTACCTAAAGAGAGGAGTTGTACGATGTGAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTAAAGAGAGGAGTTGTACGATGTGAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTGTGGATGAAATTCGAATTCGAACTAAATCGAACTAAATGGAATGTGA 360
Db 301 TCAATTTGTGAGTTGTGGATGAAATTCGAATTCGAACTAAATCGAACTAAATGGAATGTGA 360
QY 361 TCTGATGTACAGAAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGATGTACAGAAAGCATATTCCTCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACTGAGACAAGAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACTGAGACAAGAACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCCCTTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTCCCTTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGACCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGACCTACA 660
QY 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGAGAAAGTATGCTTCTTCTTAAAGATGCCCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGAGAAAGTATGCTTCTTCTTAAAGATGCCCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAATAAAGTTACTCAAATCTG 1174
```

Db 1141 CTATAAAATGCAATAAAGTTACTCAAATCTGTG 1174

RESULT 124

US-10-123-215-271
; Sequence 271, Application US/10123215
; Publication No. US20030077780A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C41
; CURRENT APPLICATION NUMBER: US/10/123,215
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271

; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-123-215-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGGCGCCGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGTCCCG 120
Qy 121 CCGCTGCTGCTGTGATGATGCGGCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGATGATGCGGCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGCTTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTTGACCTACCC 240
Db 181 TTTGACTCGGCTTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTTGACCTACCC 240
Qy 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGACAGAGGTTGCAGGCTGTT 300
Qy 301 TCAATTGTGAGTTTGTGATGATGGAATTGACTTAAATCGAATTAATGGAATGTGAA 360
Db 301 TCAATTGTGAGTTTGTGATGATGGAATTGACTTAAATCGAATTAATGGAATGTGAA 360
Qy 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Qy 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480

Db 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTTTCCCTTAACTCTGGTGGAGTCAATCTGGAGTGACATGAGTCC 540
Db 481 ATGCACCTACTCTTTTCCCTTAACTCTGGTGGAGTCAATCTGGAGTGACATGAGTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGAAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCAGAAAAATCCAGTACGACCACACATTTGGAGAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCAGAAAAATCCAGTACGACCACACATTTGGAGAGGAGCCTACA 660
Qy 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCTTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTTTAAC 780
Qy 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTTGT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Qy 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGGCTCTACCTACAAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGGCTCTACCTACAAAAAGTGAAT 1020
Qy 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAATAGACATCTAA 1080
Qy 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTTGATATAGGCCTTAAGAAATCA 1140
Db 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCATTTGATATAGGCCTTAAGAAATCA 1140
Qy 1141 CTATAAATGCAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAATCTGTG 1174

RESULT 125

US-10-123-902-271
; Sequence 271, Application US/10123902
; Publication No. US20030077781A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C47
; CURRENT APPLICATION NUMBER: US/10/123,902
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-123-902-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db |||||
QY 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
Db |||||
QY 121 CCGCTGCTGCTGTGACCATGGCTTGGCCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180
Db |||||
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGAGTTGACCTACCCC 240
Db |||||
QY 241 TTGCACACTACCCCTAAGGAAGAGGAGTTGTACGCGATGTGAGAGGTTGAGGCTGTTT 300
Db |||||
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
Db |||||
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
Db |||||
QY 421 CAGAATCAGCTGCCATTCGCTGACTGAGACAAGACAACATTATGTCCCTGATGCCAAA 480
Db |||||
QY 481 ATGCACCTACTCTTCTCTTAACCTCTGTTGAGGTCTTCTGAGTGACATGAGTGC 540
Db |||||
QY 541 GCACAGAGTTTCATACCTCTTCATGGACTTTTATCTCAAGCCGATGACGGAATA 600
Db |||||
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGACCTACA 660
Db |||||
QY 661 AATTTGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
Db |||||
QY 721 CACAGGAATTTCTTGAAGATGAGAAAGTGTGCTTTTAAAGATGCTCTCTCTTAAC 780
Db |||||
QY 781 TCTGGGTGGAATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTTGATTTGT 840
Db |||||

841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGATCTAT 900
841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGATCTAT 900
901 GGTGACTTGGAGTTTATGATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
901 GGTGACTTGGAGTTTATGATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
1021 CTTGCTCATCTGAAATTTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
1021 CTTGCTCATCTGAAATTTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCCTTAAGAAATCA 1140
1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCCTTAAGAAATCA 1140
1141 CTATAAATGCAAAATAAGTTTACTCAAAATCTGTG 1174
1141 CTATAAATGCAAAATAAGTTTACTCAAAATCTGTG 1174

RESULT 126
US-10-123-908-271
; Sequence 271, Application US/10123908
; Publication No. US20030077782A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C44
; CURRENT APPLICATION NUMBER: US/10/123,908
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-123-908-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db |||||
QY 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
Db |||||
QY 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGTGACCATGGCTTGGCCGGAGGTTGGGGACCGCTTCGGCTGAAGCA 180

QY 541 GCACAGAGCTTCATTAACCTCTTCATGGACCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATTAACCTCTTCATGGACCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAAATCCAGTAGCCACCACCATTTGGAGCAGGAGCCCTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAAATCCAGTAGCCACCACCATTTGGAGCAGGAGCCCTACA 660
QY 661 AATTGGAGAGAAATCATCTCTAAGCAAAAATGTCCTATCTGCAATGAGAAAATTCACAAGCG 720
Db 661 AATTGGAGAGAAATCATCTCTAAGCAAAAATGTCCTATCTGCAATGAGAAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCGGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAAACAGATATCCAGCTTCTTCTCTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 128
US-10-123-910-271
; Sequence 271, Application US/10123910
; Publication No US2003007784A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C45
; CURRENT APPLICATION NUMBER: US/10/123,910
; CURRENT FILING DATE: 2002-04-16

; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-123-910-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGGAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGTGTCTGCTGCTGACCATGGCCCTTGGCCGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGTGTCTGCTGCTGACCATGGCCCTTGGCCGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCACCGGGCCCTGTCACTTACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCACCGGGCCCTGTCACTTACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGAATGTAA 360
Db 301 TCAATTTGTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGAATGTAA 360
QY 361 TCTGATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
Db 361 TCTGATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
QY 421 CAGAACTCAGCTGCCATTCGCTGAACTGAGACAAGAACTTATGTCCTGATGCCAAAATA 480
Db 421 CAGAACTCAGCTGCCATTCGCTGAACTGAGACAAGAACTTATGTCCTGATGCCAAAATA 480
QY 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTGATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTGATCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAAACCCTTCTCATGGACCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAAACCCTTCTCATGGACCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAAATCCAGTAGCCACCACCATTTGGAGCAGGAGCCCTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAAATCCAGTAGCCACCACCATTTGGAGCAGGAGCCCTACA 660
QY 661 AATTGGAGAGAAATCATCTCTAAGCAAAAATGTCCTATCTGCAATGAGAAAATTCACAAGCG 720
Db 661 AATTGGAGAGAAATCATCTCTAAGCAAAAATGTCCTATCTGCAATGAGAAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTAGTGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCGGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAAACAGATATCCAGCTTCTTCTCTGTG 960

Db 901 GGTGACTTGGAGTTTATGATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Qy 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTCGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Qy 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGCCCTTAAGAAATCA 1140
Qy 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 129
US-10-124-813-271
; Sequence 271, Application US/10124813
; Publication No. US2003007785A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maurea
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C67
; CURRENT APPLICATION NUMBER: US/10/124,813
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-124-813-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGGCGCGGAGGAGCCCTTGGGGTGGAGGCCAACCTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAGGAGCCCTTGGGGTGGAGGCCAACCTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGACCTACCCC 240

Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTGACCTGACCTACCCC 240
Qy 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
Qy 301 TCAATTTGTTCAGTTTGTGGATGATGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
Db 301 TCAATTTGTTCAGTTTGTGGATGATGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
Qy 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
Qy 421 CAGAATCAGCTGCCATTTCGCTGAACCTGAGACAAGACAACCTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTTCGCTGAACCTGAGACAAGACAACCTTATGTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGAGTGGACTCC 540
Db 481 ATGCACCTACTCTTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGAGTGGACTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGACCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGACCAACATTTGGAGCAGGACCTTACA 660
Qy 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Qy 781 TCTGGTGGATTTTAACTAACTCTTGTCTCTCGGTGATGGTATTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTAACTCTTGTCTCTCGGTGATGGTATTTGGATTTGT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTCTCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTCTCTCTGAGAAAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Qy 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Qy 1081 AATTCCTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTAAAGAAATCA 1140
Qy 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 130
US-10-124-817-271
; Sequence 271, Application US/10124817
; Publication No. US2003007786A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C56
; CURRENT APPLICATION NUMBER: US/10/124,817
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-124-817-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCGCGGAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGTGACCATGGCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGCGGTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGCGGTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCGATGTCAGAGAGGTTGAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCGATGTCAGAGAGGTTGAGGCTGTTT 300

QY 301 TCAATTTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATGTGAA 360
Db 301 TCAATTTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATGTGAA 360

QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

QY 421 CAGAAATCAGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAAATCAGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480

QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGAGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGAGGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAATAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGAATTTTATCTTCAAGCCGATGACGGAATAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACACATTTTGGAGCAGGACCTACA 660
Db GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACACATTTTGGAGCAGGACCTACA 660

QY 661 AATTGTGAGGAATCATCTCTAAGCAAAATGTCCATCTGCAAAATGAGAAATTCACAAGCG 720
Db AATTGTGAGGAATCATCTCTAAGCAAAATGTCCATCTGCAAAATGAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATCCCTCTCTTAAC 780
Db CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATCCCTCTCTTAAC 780

QY 781 TCTGGGTGGATTTTAACTACAACCTTTGTCTCTCGGTGATGGTATTTGCTTTGGATTGT 840
Db TCTGGGTGGATTTTAACTACAACCTTTGTCTCTCGGTGATGGTATTTGCTTTGGATTGT 840

QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960

QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAGAAATCA 1140
Db AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTAAGAAATCA 1140

QY 1141 CTATAAATGCAAAATAAGTTACTCAAATCTGTG 1174
Db CTATAAATGCAAAATAAGTTACTCAAATCTGTG 1174

RESULT 131
US-10-125-922-271
; Sequence 271, Application US/10125922
; Publication No. US2003007787A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C73
; CURRENT APPLICATION NUMBER: US/10/125,922
; CURRENT FILING DATE: 2002-04-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA

; ORGANISM: Homo Sapien
US-10-125-922-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGCGCCGCGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGCGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGTCCCG 120

QY 121 CCGCTGCTGTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTGGCCCGGCTGTGACCGGCTTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTGGCCCGGCTGTGACCGGCTTCAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCAATGATGCGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCAATGATGCGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTTGTGCTGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTAA 360
Db 301 TCAATTTGTGCTGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTAA 360

QY 361 TCTGCAATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTGC 420
Db 361 TCTGCAATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTGC 420

QY 421 CAGAATCAGCTGCCATTGCTGAACTGAGCAAGAACTATGCTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTGCTGAACTGAGCAAGAACTATGCTCCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTCTCTAATCTGCTGAGGTCATTTCTGAGTGACATGATGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAATCTGCTGAGGTCATTTCTGAGTGACATGATGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600

QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTACA 660

QY 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780

QY 781 TCTGGGTGGAATTTAACTACAACCTCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840
Db 781 TCTGGGTGGAATTTAACTACAACCTCTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840

QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960

QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020

Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAAATGCAATATAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAATATAAGTTACTCAAAATCTGTG 1174

RESULT 132
US-10-125-924-271
; Sequence 271, Application US/10125924
; Publication No. US20030077788A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C75
; CURRENT APPLICATION NUMBER: US/10/125,924
; CURRENT FILING DATE: 2002-04-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-125-924-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGCGCCGCGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGCGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGTCCCG 120

QY 121 CCGCTGCTGTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTGGCCCGGCTTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTGGCCCGGCTTCAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCAATGATGCGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGGAAGAGGAGTTGTACGCAATGATGCGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTGTCAGTTTGTGGATGATGGAATTGACCTTAAATCGAATTAATGGAATGTGAA 360
Db |||||||
QY 301 TCAATTGTCAGTTTGTGGATGATGGAATTGACCTTAAATCGAATTAATGGAATGTGAA 360
Db |||||||
QY 361 TCTGCATGTACAGAAGCATATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db |||||||
QY 361 TCTGCATGTACAGAAGCATATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAATCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
Db |||||||
QY 421 CAGAAATCAGCTGCCATTCGCTGAATCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAAGTCACTTGGAGTGACATGAGACTCC 540
Db |||||||
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAAGTCACTTGGAGTGACATGAGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db |||||||
QY 541 GCACAGAGCTTCATAACCTCTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTTACA 660
Db |||||||
QY 601 GTTATATCCAGTCTAAGCCAGAAAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTTACA 660
QY 661 AATTTGAGAGAAATCATCTCTAAGCAAAAATGTCTATCTGCAATGAGAAATTCACAAGCG 720
Db |||||||
QY 661 AATTTGAGAGAAATCATCTCTAAGCAAAAATGTCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGAGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db |||||||
QY 721 CACAGGAATTTCTTGAAGATGAGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGTGATGGTATTTGGATTGT 840
Db |||||||
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGTGATGGTATTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCTCTGAGAGCTGAGTATCTAT 900
Db |||||||
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAGAGATATCCAGCTTCTCTTGTG 960
Db |||||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAGAGATATCCAGCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db |||||||
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db |||||||
QY 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTAAAGAAATCA 1140
Db |||||||
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db |||||||
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 133
US-10-140-860-271
; Sequence 271, Application US/10140860
; Publication No. US2003007789A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C189
; CURRENT APPLICATION NUMBER: US/10/140,860
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-860-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGGAAACCCCTTCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
Db |||||||
QY 1 CGGACGCGTGGGGGAAACCCCTTCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
Db |||||||
QY 61 GGGAAACAAGATGGCGGCGCGGAGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db |||||||
QY 61 GGGAAACAAGATGGCGGCGGAGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db |||||||
QY 121 CCGCTGCTGCTGCTGACCATGGCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGTGATACGGCGTCTTGCCACCGGGCCTGTCAGTTGACCTACCCC 240
Db |||||||
QY 181 TTTGACTCGGTCTTGGTGATACGGCGTCTTGCCACCGGGCCTGTCAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGATGTCAGAGAGTTGCAGGCTGTTT 300
Db |||||||
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGATGTCAGAGAGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db |||||||
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTCCTAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db |||||||
QY 361 TCTGCATGTACAGAAGCATATTCCTAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAATCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
Db |||||||
QY 421 CAGAAATCAGCTGCCATTCGCTGAATCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTCTCTAATCTGCTGAGGTCATCTTGAGTGACATGATGAGACTCC 540
Db |||||||
QY 481 ATGCACCTACTCTTCTCTAATCTGCTGAGGTCATCTTGAGTGACATGATGAGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db |||||||
QY 541 GCACAGAGCTTCATAACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTTACA 660
Db |||||||
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTTACA 660
QY 661 AATTTGAGAGAAATCATCTCTAAGCAAAAATGTCTATCTGCAATGAGAAATTCACAAGCG 720

QY 1081 AATTCACACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCTTAAGAAATCA 1140
Db 1081 AATTCACACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
RESULT 135
US-10-147-519-271
; Sequence 271, Application US/10147519
; Publication No. US2003007791A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: DeSnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C346
; CURRENT APPLICATION NUMBER: US/10/147,519
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-147-519-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGGAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGTCCCG 120
QY 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGAA 360
Db 301 TCAATTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGAA 360

QY 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTTCGCTGAATCTGAGACAAGAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTTCGCTGAATCTGAGACAAGAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTTCTCTAACTCTGGTGGGTCTTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTTCTCTAACTCTGGTGGGTCTTCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGACCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACACATTTGGAGCAGGACCTACA 660
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTTCATTGGATATAGGCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
RESULT 136
US-10-157-782-271
; Sequence 271, Application US/10157782
; Publication No. US2003007792A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: DeSnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven

; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C431
; CURRENT APPLICATION NUMBER: US/10/157,782
; CURRENT FILING DATE: 2002-05-29
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-157-782-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTGGGTGATACGGCGCTTCCACCGGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTGGGTGATACGGCGCTTCCACCGGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGCTGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGGAA 360
Db 301 TCAATTTGTGCTGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGGAA 360
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTCTCTTAACCTCTGAGTCACTTCTGAGTGAACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTTAACCTCTGAGTGAACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAAAATCCAGTACGCCACCACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAAAATCCAGTACGCCACCACATTTGGAGCAGGAGCCTACA 660
QY 661 AATTGAGAGAAATCATCTTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTTAAC 780

Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTAACTACTCTGTCTCCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTAACTACTCTGTCTCCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAAGCAGGGCCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAAAGCAGGGCCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCAATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCAATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTCATTGGATATAGGCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTCATTGGATATAGGCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAATATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATATAAAGTTACTCAAAATCTGTG 1174

RESULT 137
US-10-152-395-271
; Sequence 271, Application US/10152395
; Publication No. US20030078377A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C405
; CURRENT APPLICATION NUMBER: US/10/152,395
; CURRENT FILING DATE: 2002-05-21
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-152-395-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTACAGAG 60

Qy 61 GGAACAAGATGCGCGCGCCGAAGGGAGCCTCTGGGTGAGGACCAAACTGGGCTCCCG 120
Db 61 GGAACAAGATGCGCGCGCCGAAGGGAGCCTCTGGGTGAGGACCAAACTGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCACCGGCGCTGTGACCTTGCCTTACCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCACCGGCGCTGTGACCTTGCCTTACCC 240
Qy 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTT 300
Qy 301 TCAATTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAATTAATTTGAATGTGA 360
Db 301 TCAATTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAATTAATTTGAATGTGA 360
Qy 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCATCTTGGTTGC 420
Qy 421 CAGAACTAGCTGCCATTCGCTGAACCTCTTCATGGACTTTTATCTTCAAGCCGATGAGCAAAA 480
Db 421 CAGAACTAGCTGCCATTCGCTGAACCTCTTCATGGACTTTTATCTTCAAGCCGATGAGCAAAA 480
Qy 481 ATGCACCTACTCTTTCCTCTAACTCTGGTGAGGTCATCTTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTTCCTCTAACTCTGGTGAGGTCATCTTGGAGTGACATGAGACTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGAGCAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGAGCAAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGACCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGACCTTACA 660
Qy 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACA 720
Db 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACA 720
Qy 721 CACAGGAATTTCTTGAAGATGGAAGATGATGGCTTTTAAAGTGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAAGATGATGGCTTTTAAAGTGCCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGAATTTAACTACAACTCTTGTCTCTCGGIGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGAATTTAACTACAACTCTTGTCTCTCGGIGATGGTATTGCTTTGGATTGT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAGTGAAT 1020
Qy 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Qy 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTTAAGAAATCA 1140

Qy 1141 CTATAAAATGCAAAATAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAGTTACTCAAAATCTGTG 1174
RESULT 138
US-10-125-926A-271
; Sequence 271, Application US/10125926A
; Publication No. US20030082686A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C80
; CURRENT APPLICATION NUMBER: US/10/125,926A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-125-926A-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGGCGCGGAAGGGAGCCTCTGGGTGAGGACCAAACTGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAAGGGAGCCTCTGGGTGAGGACCAAACTGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180

Db 121 CCGCTGCTGCTGCTGACCATGGCCCTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTTTGGGTGATACGCGCTTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTTTGGGTGATACGCGCTTTGCCACCGGCGCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGCTGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTAA 360
Db 301 TCAATTTGTGCTGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTAA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCATCTGATGAGCAATATCTTCCCATCTTGGTTC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCATCTGATGAGCAATATCTTCCCATCTTGGTTC 420
QY 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGCAAGAAACAATTTATGTCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGCAAGAAACAATTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTAATCTGAGGAGTCTTCTGAGTGCATCTGAGTGCATCTG 540
Db 481 ATGCACCTACTCTTCTCTAATCTGAGGAGTCTTCTGAGTGCATCTGAGTGCATCTG 540
QY 541 GCACAGAGCTTCAATACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCAATACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTAC 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTAC 660
QY 661 AATTGAGAGAAATCACTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCACTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTCAATGCTTTTAAAGATGCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTCAATGCTTTTAAAGATGCTCTCTCTTAAC 780
QY 781 TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTTGATTTGT 840
Db 781 TCTGGGTGATTTTAACTACAACTCTTGTCTCTCGGTGATGATGCTTTGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGATATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGATATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTCTTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAGTTACTCAAATCTGTG 1174

RESULT 139

US-10-125-930A-271
; Sequence 271, Application US/10125930A
; Publication No. US20030082687A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C78
; CURRENT APPLICATION NUMBER: US/10/125,930A
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-125-930A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACCGCTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACCGCTGGGGAAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCGCGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCGCGAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCAATGCGCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCAATGCGCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTTCTTGGGTGATACGGCGCTTCTTCCACCGGGCCCTGTCAAGTTACCTACCCC 240
Db 181 TTTGACTCGGTTCTTGGGTGATACGGCGCTTCTTCCACCGGGCCCTGTCAAGTTACCTACCCC 240

QY	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAGGCTGTTT	300
Db	241		
QY	301	TCAATTTGTCACTTTGTGGATGATGGAAATTGACTTAAATCGAACTAAATTGGAATGTGAA	360
Db	301		
QY	361	TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC	420
Db	361		
QY	421	CAGAAATCAGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA	480
Db	421		
QY	481	ATGCACCTACTCTTTCTCTTAACTCTGGTGAGGTCATTCTGGAGTGACATGGACTCC	540
Db	481		
QY	541	GCACAGAGCTTCATAACCTCTTCATGGACCTTTTATCTTCAAGCCGATGACGGAAAAATA	600
Db	541		
QY	601	GTATATTCAGTCTAAGCAGAAATCCAGTACGCACCAACATTTGGAGCAGAGCCTACA	660
Db	601		
QY	661	AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG	720
Db	661		
QY	721	CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC	780
Db	721		
QY	781	TCTGGGTGGATTTTAACTACAACCTTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT	840
Db	781		
QY	841	TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
Db	841		
QY	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG	960
Db	901		
QY	961	GTTGTTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGGCTCTACCTACAAAAGTGAAT	1020
Db	961		
QY	1021	CTTGCTCATTTCTGAAATTTTAAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA	1080
Db	1021		
QY	1081	AATTCACCTCATAGAGCTTTTAAATGGTTTTTCATTGGATATAGGCCCTTAAGAAATCA	1140
Db	1081		
QY	1141	CTATAAATGCAAAATAAAGTTACTCAAATCTGTG	1174
Db	1141		

RESUIT, 140

US-10-127-831A-271

US-10-127-0378-271
: Sequence 271. Application US/10127831A

: Publication No. US20030082689A1

: GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

```

; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C107
; CURRENT APPLICATION NUMBER: US/10/127,831A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-127-831A-271

```

Query Match 100.0%; Score 1174; DB 15; Length 1174;

Query Match 100.0%, Predict 100.0%

BEST LOCAL SIMILARITY 100.0%, FREQ. NO: 0;
Matches 1174: Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CGGACGGCTGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG	60
Db	1		
QY	61	GGGAACAAGATGGCGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG	120
Db	61		
QY	121	CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA	180
Db	121		
QY	181	TTTGACTCGGTCTTGGGTGATACGGCGCTTTGCCACCGGGCCCTGTCAAGTTGACCTACCCC	240
Db	181		
QY	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGGCATGTCAAGAGGTTGCAGGCTGTTT	300
Db	241		
QY	301	TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTTAAATCGAACTAAATTCGAATGTGAA	360

Db 301 TCAATTTGTGAGTGAATTTGAGTAAATCGAATTAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGTTGC 420
QY 421 CAGAATCAGCTGCCATTCGTGAATGAGACAGAAACAATTTATGTCCTGATGCCAAA 480
Db 421 CAGATCAGCTGCCATTCGTGAATGAGACAGAAACAATTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTTCCCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGAGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAAATCCAGTACGCCACCATTTTGGAGCAGGACCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAAATCCAGTACGCCACCATTTTGGAGCAGGACCTACA 660
QY 661 AATTGAGAGAAATCATCTTAAGCAAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTTAAGCAAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGTGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTTTAAC 780
Db 721 CACAGGAATTTCTTGAAGTGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGCTCCCTCGGTGATGGTATTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGCTCCCTCGGTGATGGTATTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGATATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGATATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTCTTTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTATATAGACATCTAA 1080
Db 1021 CTTGCTCATTTGAATTTAAGCATTTTCTTTTAAAGACAAGTGTATATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 141

US-10-127-837A-271
; Sequence 271, Application US/10127837A
; Publication No. US20030082690A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C96
; CURRENT APPLICATION NUMBER: US/10/127,837A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-837A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGCGGCGCCGAGAGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGCGGCGCCGAGAGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTT 300
QY 301 TCAATTTGTGTCAGTTTGTGGATGATGGAATGACTTAAATCGAACTGGAATGTGAA 360
Db 301 TCAATTTGTGTCAGTTTGTGGATGATGGAATGACTTAAATCGAACTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

```
QY 421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATTCGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATTCGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAAACCTCTTCATGCACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAAACCTCTTCATGCACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGTCTCTATCTGCAAAATGAGAAATTCACAAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGTGCTTTTAAAGATGCCCTCTCTTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGTGCTTTTAAAGATGCCCTCTCTTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTAAAGACAAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAATTTAAGCATTTTCTTTAAAGACAAAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
```

RESULT 142

```
US-10-127-838B-271
; Sequence 271, Application US/10127838B
; Publication No. US20030082691A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
```

```
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C98
; CURRENT APPLICATION NUMBER: US/10/127,838B
; CURRENT FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-838B-271
```

```
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCGGAAAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAAAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGTGTGCTGCTGTGACCAATGGCCCTTGGCCGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180
Db 121 CCGTGTGCTGCTGTGACCAATGGCCCTTGGCCGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTCGCCACCGGGCCTGTCAAGTACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTCGCCACCGGGCCTGTCAAGTACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTCAAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTCAAGTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTGCTGAACTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGGTGAGGTCAATTCGGAGTGACATGATGGACTCC 540
```


Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGGAGTCACTTCTGGAGTGCATGATGACTCC 540
QY 541 GCACAGAGCTTCAATACCTCTTCAATGACCTTTTATCTTCAAGCGGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCAATACCTCTTCAATGACCTTTTATCTTCAAGCGGATGACGGAAAAATA 600
QY 601 GTTATATCCAGTCTAAGCAGCAAAATCCAGTACGACCAATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATCCAGTCTAAGCAGCAAAATCCAGTACGACCAATTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCTTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCTTCTACCTACAAAGTGAAT 1020
QY 1021 CTGTCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
Db 1021 CTGTCTCATTTCTGAATTTAAGCATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGTTTCAATGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAAATGCAATTAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAATTAAGTTACTCAAAATCTGTG 1174

RESULT 143
US-10-127-842A-271
; Sequence 271, Application US/10127842A
; Publication No. US20030082692A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C100

; CURRENT APPLICATION NUMBER: US/10/127,842A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-842A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTTCCGAGAAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCGCGCGAGGAGCCTCTGGGTGAGGAGCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCGCGCGAGGAGCCTCTGGGTGAGGAGCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGCGCTTGGCGGAGGTTGGCGGAGCCGCTTCCGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGCGCTTGGCGGAGGTTGGCGGAGCCGCTTCCGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTGGCGGAGGTTGGCGGAGCCGCTTCCGCTGAAGCA 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTGGCGGAGGTTGGCGGAGCCGCTTCCGCTGAAGCA 240
QY 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGATGTGTCAGAGAGGTTGAGGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGATGTGTCAGAGAGGTTGAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTCTGTAACCTGAGCAAGAACTTATGTTCCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTCTGTAACCTGAGCAAGAACTTATGTTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTCTTAACTCTGGTGGTGCATTTCTGGAGTGACATGATGAGACTCC 540
Db 481 ATGCACCTACTCTTTCTTAACTCTGGTGGTGCATTTCTGGAGTGACATGATGAGACTCC 540
QY 541 GCACAGAGCTTCAATACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCAATACCTCTTCAATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600

```
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTGGAGCAGGAGCCTACA 660
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTCTCTCTCGGTGATGCTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTCTTCTCTCTCGGTGATGCTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAACTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTTACCTACAAAAGTGAAT 1020
QY 1021 CTGCTCATCTGAAATTAAGCATTTTCTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTGCTCATCTGAAATTAAGCATTTTCTTTAAAGACAAGTGAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAGTTACTCAAAATCTGTG 1174
```

RESULT 144

```
US-10-127-843A-271
; Sequence 271, Application US/10127843A
; Publication No. US20030082693A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C99
; CURRENT APPLICATION NUMBER: US/10/127, 843A
; CURRENT FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
```

```
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-843A-271

Query Match      100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGAAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCAATGGCCCTTGGCCGGAGTTTGGCCGAGGAGCGCTTCCGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCAATGGCCCTTGGCCGGAGTTTGGCCGAGGAGCGCTTCCGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTGTGCCACCGGGCCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTGTGCCACCGGGCCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTGTCAGAGAGGTTGACGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCAATGTGTCAGAGAGGTTGACGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCTCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCCATTCGCTGAAGTGAAGCAAGCAAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCCATTCGCTGAAGTGAAGCAAGCAAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTTAACTCTGGTGAGGTCATTTCTGGAGTGACATGATGACTCC 540
Db 481 ATGCACCTACTCTTCTTAACTCTGGTGAGGTCATTTCTGGAGTGACATGATGACTCC 540
QY 541 GCACAGAGCTTCATAAACCTCTTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAAACCTCTTTCATGAGCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTGGAGCAGGAGCCTACA 660
QY 661 AATTTGAGAGATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
```

```
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTACAACTCTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Qy 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTTGG 960
Qy 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGAATAGACATCTAA 1080
Qy 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCTTTAAGAAATCA 1140
Qy 1141 CTATAAATGCAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAATCTGTG 1174
```

RESULT 145

```
US-10-127-845A-271
; Sequence 271, Application US/10127845A
; Publication No. US20030082694A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C93
; CURRENT APPLICATION NUMBER: US/10/127,845A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
```

```
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-845A-271

Query Match      100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCGTGGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGGCGCGGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCGGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGCTGACCATGGCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCTGTCAGTTGACCTACCCC 240
Qy 241 TTGCACACCTACCTTAAGGAAGAGAGTTGTACGCATGTACAGAGAGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGGAAGAGAGTTGTACGCATGTACAGAGAGTTGCAGGCTGTTT 300
Qy 301 TCAATTTGTCAGTTTGTGGATGTGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
Db 301 TCAATTTGTCAGTTTGTGGATGTGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGA 360
Qy 361 TCTGCATGTACAGAAAGCATATTCCTAATCTGATGAGCAATATGCTTCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAAGCATATTCCTAATCTGATGAGCAATATGCTTCCATCTTGGTTGC 420
Qy 421 CAGAATCAGCTGCCATTTCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTTCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
Qy 481 ATGCACCTACTCTTTTCTTAACTCTGGTGGGTCAATTCGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTTCTTAACTCTGGTGGGTCAATTCGGAGTGACATGATGGACTCC 540
Qy 541 GCACAGAGCTTCATAAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAAACCTCTTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCAATTTGGAGCAGGAGCTTACA 660
Qy 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGATCATCTCTAAGCAAAATGTCCCTATCTGCAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
```



```
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCGGTGATGGTATTTGGTTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCGGTGATGGTATTTGGTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCACTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCACTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTTCATTTGGATATAGGCCCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGTTTTCATTTGGATATAGGCCCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
```

RESULT 146

US-10-127-846A-271
; Sequence 271, Application US/10127846A
; Publication No. US20030082695A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C94

; CURRENT APPLICATION NUMBER: US/10/127,846A

; CURRENT FILING DATE: 2002-10-15

; PRIOR APPLICATION NUMBER: 60/049911

; PRIOR FILING DATE: 1997-06-18

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-18

; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 271

; LENGTH: 1174

; TYPE: DNA

; ORGANISM: Homo Sapien

; US-10-127-846A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGAAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTCCGGGACCCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTCGCCACCGGGCTGTCAAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGCTTTCGCCACCGGGCTGTCAAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTTTCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTTTCAGGCTGTTT 300
QY 301 TCAATTTGTCAGTTTGTGGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATGACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTGCTGAACTGAGCAACAAGAACAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTGCTGAACTGAGCAACAAGAACAACTTATGTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGTTGAGGTCATTTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGTTGAGGTCATTTCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTTCTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTTCTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCCTACA 660
QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGAGCTGATATCTAT 900
```

Db 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACTGAAGATCATGAAGAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGCAAGTGTAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTGAAATTTAAGCATTTTCTTTTAAAGCAAGTGTAATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGGTTTCATTGGATATAGGCCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAAGTGGTTTCATTGGATATAGGCCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAAATCTGTG 1174

RESULT 147

US-10-127-848A-271
; Sequence 271, Application US/10127848A
; Publication No. US20030082696A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C106
; CURRENT APPLICATION NUMBER: US/10/127,848A
; PRIOR FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-848A-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAACCCCTTCGAGAGAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAACCCCTTCGAGAGAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGCGCCGGAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGGAAGGGGAGCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCGGGCCTGTGAGTTGACCTACCCC 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGATGAGCAATATGCTTGGTTGC 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTGATGAGCAATATGCTTGGTTGC 300
QY 301 TCAATTTGTGAGTTGTGATGATGGAATGACTTAAATCGAACTAAATGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTGTGATGATGGAATGACTTAAATCGAACTAAATGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGCTTGGTTGC 420
QY 421 CAGAATCAGCTGCCATTGCTGAACTGAGACAAAGAACTTATGTCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTGCTGAACTGAGACAAAGAACTTATGTCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTCTCTAACTCTGCTGAGGTCATCTTGGAGTGACATGAGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGCTGAGGTCATCTTGGAGTGACATGAGGACTCC 540
QY 541 GCACAGAGCTTCAACCTCTTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
Db 541 GCACAGAGCTTCAACCTCTTTCATGAGCTTTTATCTTCAAGCCGATGACGGAATA 600
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGAGCTTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGACCACTTTGGAGCAGGAGCTTACA 660
QY 661 AATTGAGAGAAATCACTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCACTCTAAGCAAAATGTCCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATGCTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960

QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGACAGGCGCTCTACCTACAAAAGTGAAT 1020
Db |||||||
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATACATCTAA 1080
Db |||||||
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCCTTAAGAAATCA 1140
Db |||||||
QY 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db |||||||
CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 148

US-10-127-849A-271
; Sequence 271, Application US/10127849A
; Publication No. US20030082697A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C103
; CURRENT APPLICATION NUMBER: US/10/127,849A
; CURRENT FILING DATE: 2002-04-23
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-849A-271

Query Match
Best Local Similarity 100.0%; Score 1174; DB 15; Length 1174;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db |||||||
QY 61 GGGAAACAAGATGGCGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db |||||||
QY 121 CCGCTGCTGCTGCTGACCATGGCCCTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db |||||||
QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCTGTGAGTTGACCTACCC 240
Db |||||||
QY 241 TTGCACACCTTACCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
Db |||||||
QY 301 TCAATTTGTCAAGTTTGTGGATGTATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGA 360
Db |||||||
QY 361 TCTGCATGTACAGAAAGCATATTTCCCAATCTGATGAGCAATATATGCTTGGCTTGC 420
Db |||||||
QY 421 CAGAAATCAGCTGCCATTTCGTGAACTGAGACAAGAACTTATGTCCCTGATGCCAAAA 480
Db |||||||
QY 481 ATGCACCTACTCTTTCTTAACCTCTGGTGAGGTCAATTCGGAGTGACATGAGGACTCC 540
Db |||||||
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db |||||||
QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCATTTGGAGCAGGAGCTACA 660
Db |||||||
QY 661 AATTGAGAGAATCATCTAAGCAAAATGTCCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db |||||||
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAC 780
Db |||||||
QY 781 TCTGGGTGGATTTTAACTACAACCTTGTCTCTCGGTGATGGTATTCGTTTGGATTTGT 840
Db |||||||
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db |||||||
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db |||||||
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGACAGGCGCTCTACCTACAAAAGTGAAT 1020
Db |||||||
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATACATCTAA 1080

b 1021 CTTGCTCANTCTGAAATTTAAGCANTTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Y 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA 1140
b 1081 AATCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA 1140
Y 1141 CTATAAATGCAAAATAAAGTTTACTCAAATCTGTG 1174
b 1141 CTATAAATGCAAAATAAAGTTTACTCAAATCTGTG 1174

RESULT 149
S-10-127-850A-271
Sequence 271, Application US/10127850A
Publication No. US20030082698A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C110
CURRENT APPLICATION NUMBER: US/10/127,850A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271

LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
S-10-127-850A-271
Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 1 CGGACGCTGGGGAAACCTTCCGAGAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

Db 1 CGGACGCTGGGGAAACCTTCCGAGAAACAGCAACAACTGAGCTGCTGTGACAGAG 60
Qy 61 GGGAAACAAGATGGCGCGCCGAGAGGGAGCCTCTGGGTGAGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGCGCCGAGAGGGAGCCTCTGGGTGAGACCCAACTGGGGCTCCCG 120
Qy 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Qy 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTTGCCACCGGGCTGTCAAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTTGCCACCGGGCTGTCAAGTTGACCTACCCC 240
Qy 241 TTGCACACCTTACCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTTACCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGAGTTGCAGGCTGTTT 300
Qy 301 TCAATTTGTCAAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTCAAGTTTGTGGATGATGGAATTTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Qy 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTTCCCAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
Qy 421 CAGAATCAGCTGCCATTTCGCTGAATCTGAGCAAGAACTAATTTATGTCCTGATGCCAAAA 480
Db 421 CAGAATCAGCTGCCATTTCGCTGAATCTGAGCAAGAACTAATTTATGTCCTGATGCCAAAA 480
Qy 481 ATGCACCTACTCTTTCCTCTAATCTGCTGAGGTTCATTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCCTCTAATCTGCTGAGGTTCATTCTGGAGTGACATGATGGACTCC 540
Qy 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Qy 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCACCACATTTGGAGCAGGAGCCTACA 660
Qy 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Qy 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAC 780
Qy 781 TCTGGGTGGATTTTAACTACAACCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Qy 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Qy 961 GTTGTTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTTAGATCTAAACTGAAGATCATGAAGAAGCAGGGCTCTACCTACAAAAGTGAAT 1020
Qy 1021 CTTGCTCATCTCGAAATTTAAGCATTTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATCTCGAAATTTAAGCATTTTTCTTTTAAAGACAAGTGTATAGACATCTAA 1080
Qy 1081 AATCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA 1140
Db 1081 AATCCACTCCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCTTAAGAAATCA 1140

QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 150

US-10-127-851A-271

; Sequence 271, Application US/10127851A

; Publication No. US20030082699A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C87

; CURRENT APPLICATION NUMBER: US/10/127,851A

; PRIOR FILING DATE: 2002-10-15

; PRIOR APPLICATION NUMBER: 60/049911

; PRIOR FILING DATE: 1997-06-18

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-18

; PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19

; PRIOR APPLICATION NUMBER: 60/059588

; PRIOR FILING DATE: 1997-09-19

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 271

; LENGTH: 1174

; TYPE: DNA

; ORGANISM: Homo Sapien

; US-10-127-851A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 CGGACCGGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGCTGTGACAGAG 60

b 1 CGGACCGGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGCTGTGACAGAG 60

y 61 GGGAAACAAGATGGCGGCGCCGAGGGGAGCCCTCTGGGTGAGGACCAACTGGGGCTCCCG 120

b 61 GGGAAACAAGATGGCGGCGCCGAGGGGAGCCCTCTGGGTGAGGACCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGCTCTTGGGTGATACGGCGCTCTTGGCCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 240
Db 181 TTTGACTCGCTCTTGGGTGATACGGCGCTCTTGGCCCGAGGTTCCGGGACCGCTTCGGCTGAAGCA 240
QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTAGCGCATGTAGCGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTAGCGCATGTAGCGAGGTTGCAGGCTGTTT 300
QY 301 TCAATTTGTGAGTTTGTGGATGATGGAATGAACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTGAGTTTGTGGATGATGGAATGAACTTAAATCGAACTAAATTTGGAATGTGAA 360
QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGCAAGAACTTATGTCCCTGATGCCAAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGCAAGAACTTATGTCCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGGTCATCTTGGAGTGCATGATGAGTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGCTGAGGTCATCTTGGAGTGCATGATGAGTCC 540
QY 541 GCACAGAGCTTCAATACCTTCTTATGAGCTTTTATCTTCAAGCCGATGACCGAAAAATA 600
Db 541 GCACAGAGCTTCAATACCTTCTTATGAGCTTTTATCTTCAAGCCGATGACCGAAAAATA 600
QY 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGACCTACA 660
Db 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGACCTACA 660
QY 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTCTAAGCAAAATGCTCTATCTGCAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTTCTCTCGGTGATGATTTGCTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTCTCTCGGTGATGATTTGCTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGAGCAATGTTCCCTCTGAGAAAGCTGATATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGAGCAATGTTCCCTCTGAGAAAGCTGATATCTAT 900
QY 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
Db 901 GGTGACTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTCTCTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAGTGAAT 1020
QY 1021 CTTGCTCATTTCTGAAATTTAAGCAATTTTCTTTTAAAGACAAAGTGTATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCAATTTTCTTTTAAAGACAAAGTGTATAGACATCTAA 1080
QY 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCTATTGGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCACCTCTCATAGAGCTTTTAAATGGTTTCTATTGGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C119
; CURRENT APPLICATION NUMBER: US/10/128,686A
; CURRENT FILING DATE: 2002-04-23
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-128-686A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCAACTGGGCTCCCG 120

QY 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGCTCTGGGTGATACGGCGTCTTCCACCGGGCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGCTCTGGGTGATACGGCGTCTTCCACCGGGCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGCATGTTCAGAGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTTGTCACTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360
Db 301 TCAATTTGTCACTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGTGAA 360

QY 361 TCTGCATGTACAGAAGCATATTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATTCCCAATCTGTATGAGCAATATGCTTGCCATCTTGGTTGC 420

QY 421 CAGAATCAGCTGCCATTTCGCTGAACCTGAGACAAGAAACAATTATGTCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTTCGCTGAACCTGAGACAAGAAACAATTATGTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGGTCAATCTGGAGTGACATGATGGACTCC 540

QY 541 GCACAGAGCTTCATAAACCTCTTTCATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAAACCTCTTTCATGGAATTTTATCTTCAAGCCGATGACGGAAAAATA 600

QY 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCACACCAATTTGGAGCAGGAGCCTTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCACACCAATTTGGAGCAGGAGCCTTACA 660

QY 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780

QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGATGTTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGATGTTTGGATTTGT 840

QY 841 TGTCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900
Db 841 TGTCAACTGTTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAAGCTGAGTATCTAT 900

QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTTGTG 960

QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAAGCAGGGCCCTTACCTACAAAAGTGAAT 1020

QY 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

QY 1081 AATTCCACTCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCTCTCATAGAGCTTTTAAATGGTTTCATTGGATATAGGCCCTTAAGAAATCA 1140

QY 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAATCTGTG 1174

RESULT 153
US-10-128-690A-271
; Sequence 271, Application US/10128690A
; Publication No. US20030082702A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Sherwood,Steven
; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C122
; CURRENT APPLICATION NUMBER: US/10/128,690A
; CURRENT FILING DATE: 2002-04-23
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-128-690A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAACAGCAACAAGCTGAGCTGCTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCGCCGAAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAAAGGGGAGCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGACCATGGCCCTTGGCGGAGGTTTCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTCAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTACAGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGAA 360
Db 301 TCAATTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTTGGAATGAA 360

QY 361 TCTGCATGTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

361 TCTGCATGTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTTATGTCTCCCTGATGCCAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACTTATGTCTCCCTGATGCCAAA 480
QY 481 ATGCACCTACTCTTTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTTCTCTAACTCTGGTGAGGTCACTTCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCTCATGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTTGGAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTTGGAGGAGCCTACA 660
QY 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTTGT 840
Db 781 TCTGGTGGATTTTAACTACAACTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAGCAAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAGCAAGATATCCAGCTTCTTCTTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTATATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTTCATTTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 154
US-10-128-691A-271
; Sequence 271, Application US/10128691A
; Publication No. US20030082703A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.

```

; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C123
; CURRENT APPLICATION NUMBER: US/10/128,691A
; CURRENT FILING DATE: 2002-04-23
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-128-691A-271

```

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	CGACCGCTGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG	60
Db	1	CGACCGCTGGGGAAACCCCTTCGAGAAAAACAGCAACAAGCTGAGCTGCTGTGACAGAG	60
Qy	61	GGAAACAAGATGGCGGCGCCGAAAGGGAGCCCTCTGGTGAGGACCCCAACTGGGGTCCCC	120
Db	61	GGAAACAAGATGGCGGCGCCGAAAGGGAGCCCTCTGGTGAGGACCCCAACTGGGGTCCCC	120
Qy	121	CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA	180
Db	121	CCGCTGCTGCTGCTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA	180
Qy	181	TTTGTACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCCGGGGCCTGTCACTTGACCTACCCC	240
Db	181	TTTGTACTCGGTCTTGGGTGATACGGCGTCTTGGCCACCCGGGGCCTGTCACTTGACCTACCCC	240
Qy	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAAGCTGTTT	300
Db	241	TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGCATGTCAGAGAGGTTGCAAGCTGTTT	300
Qy	301	TCAATTTGTCAAGTTGTGGATGATGGAATTGACTTAATCGAACTAAATTGGAATGTGAA	360
Db	301	TCAATTTGTCAAGTTGTGGATGATGGAATTGACTTAATCGAACTAAATTGGAATGTGAA	360
Qy	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATAGCAATATGCTTGCCATCTTGTTGC	420
Db	361	TCTGCATGTACAGAAGCATATTCCCAATCTGATAGCAATATGCTTGCCATCTTGTTGC	420
Qy	421	CAGAAATCAGCTGCCATTCCGTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA	480
Db	421	CAGAAATCAGCTGCCATTCCGTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAAA	480

QY	481	ATGCACCTACTCTTTTCTCTAACTCTGGTGAGGTCAATTCTGGAGTCACATGATGGACTCC	540
Dd			
Db	481	ATGCACCTACTCTTTTCTCTAACTCTGGTGAGGTCAATTCTGGAGTCACATGATGGACTCC	540
QY	541	GCACAGAGCTTCATAAACCTCTTTCATGGACTTTTTTATCTTCAAGCCGATGACGGAAAAATA	600
Dd			
Db	541	GCACAGAGCTTCATAAACCTCTTTCATGGACTTTTTTATCTTCAAGCCGATGACGGAAAAATA	600
QY	601	GTTATATTCCAGTCTAAGCCAGAAAATCCAGTAGCGCACCAATTTGGAGCAGGAGCCTACA	660
Dd			
Db	601	GTTATATTCCAGTCTAAGCCAGAAAATCCAGTAGCGCACCAATTTGGAGCAGGAGCCTACA	660
QY	661	AATTTGAGAGAATCATCTCTAAGCAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG	720
Dd			
Db	661	AATTTGAGAGAATCATCTCTAAGCAAATGTCTCTATCTGCAAAATGAGAAATTCACAAGCG	720
QY	721	CACAGGAATTTTCTTGAAGATGGAGAAATGATGGCTTTTTTAAGATGCCCTCTCTCTTAAC	780
Dd			
Db	721	CACAGGAATTTTCTTGAAGATGGAGAAATGATGGCTTTTTTAAGATGCCCTCTCTCTTAAC	780
QY	781	TCTGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT	840
Dd			
Db	781	TCTGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATTGCTTTGGATTGT	840
QY	841	TGTCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
Dd			
Db	841	TGTCAACTGTGTCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAAGCTGAGTATCTAT	900
QY	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAAACAGATATCCAGCTTCTTCTTTGTG	960
Dd			
Db	901	GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAAACAGATATCCAGCTTCTTCTTTGTG	960
QY	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCACAAAAGTGAAT	1020
Dd			
Db	961	GTTGTTAGATCTAAAACTGAAGATCATGAAGAAGCAGGGCCTCTACCACAAAAGTGAAT	1020
QY	1021	CTTGCTCACTCTGAAATTTAAGCAATTTTCTTTTAAAAGACAAAGTGTAAATAGACATCTAA	1080
Dd			
Db	1021	CTTGCTCACTCTGAAATTTAAGCAATTTTCTTTTAAAAGACAAAGTGTAAATAGACATCTAA	1080
QY	1081	AATTCACCTCTCATAGAGCTTTTAAAATGGTTTCATTTGGATATAGGCCTTAAGAAAATCA	1140
Dd			
Db	1081	AATTCACCTCTCATAGAGCTTTTAAAATGGTTTCATTTGGATATAGGCCTTAAGAAAATCA	1140
QY	1141	CTATAAATGCAAAATAAAGTTACTCAAATCTGTG	1174
Dd			
Db	1141	CTATAAATGCAAAATAAAGTTACTCAAATCTGTG	1174
 RESULT 155 US-10-131-819A-271			
; Sequence 271, Application US/10131819A			
; Publication No. US20030082704A1			
; GENERAL INFORMATION:			
; APPLICANT: Baker, Kevin P.			
; APPLICANT: Beresini, Maureen			
; APPLICANT: DeForge, Laura			
; APPLICANT: Desnoyers, Luc			
; APPLICANT: Filvaroff, Ellen			
; APPLICANT: Gao, Wei-Qiang			
; APPLICANT: Gerritsen, Mary E.			
; APPLICANT: Goddard, Audrey			
; APPLICANT: Godowski, Paul J.			
; APPLICANT: Gurney, Austin L.			
; APPLICANT: Sherwood, Steven			
; APPLICANT: Smith, Victoria			
; APPLICANT: Stewart, Timothy A.			
; APPLICANT: Tumas, Daniel			
; APPLICANT: Watanabe, Colin K			
; APPLICANT: Wood, William			
; APPLICANT: Zhang, Zemin			
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME			

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C134
CURRENT APPLICATION NUMBER: US/10/131,819A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 271
LENGTH: 1174
TYPE: DNA
ORGANISM: Homo Sapien
US-10-131-819A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAACAGCAACAGCTGAGCTGTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCCGGAAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCCGGAAGGGAGCCCTCTGGGTGAGGACCCCACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGTGACCATGSCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGSCCTTGGCCGGAGGTTTCGGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGGCATGTTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGGCATGTTCAGAGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTTGTGATGATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGAAT 360
Db 301 TCAATTTGTGATGATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGAAT 360

QY 361 TCTGCATGTACAGAAGCATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAAGCATATCCCAATCTGATGAGCAATATGCTTGCCATCTTGGTTGC 420

QY 421 CAGAATCAGTGCCCATTCGCTGAACAGCAAGCAACTATGTATGCTGATGCCAAATA 480
Db 421 CAGAATCAGTGCCCATTCGCTGAACAGCAAGCAACTATGTATGCTGATGCCAAATA 480

QY 481 ATGCACCTACTCTTCTCTAATCTGGTGAGGTCAATCTGGAGTGACATGAGTCC 540
Db 481 ATGCACCTACTCTTCTCTAATCTGGTGAGGTCAATCTGGAGTGACATGAGTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAAATA 600

Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAATAAATA 600
QY 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCAACACATTTGGAGCAGGCTTACA 660
Db 601 GTTATATTCCAGTCTAAGCCAGAAATCCAGTACGCAACACATTTGGAGCAGGCTTACA 660
QY 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAATCATCTCTAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGATGGCTTTTAAAGATGCCCTCTCTTAAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACCTTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTTTGTCTCTCGGTGATGGTATGCTTTGGATTTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGAGCAGTATGTTCCCTCTGAGAAGCTGATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAGCTAAACAGATATCCAGCTTCTTCTTGTG 960
QY 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCAATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCAATCTGAAATTTAAGCAATTTTCTTTTAAAGACAAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTTCATTTGATATAGGCTTAAAGAAATCA 1140
Db 1081 AATTCCACTCTCATAGAGCTTTTAAATGGTTTTCATTTGATATAGGCTTAAAGAAATCA 1140
QY 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 156
US-10-131-829A-271
; Sequence 271, Application US/10131829A
; Publication No. US20030082705A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C138
; CURRENT APPLICATION NUMBER: US/10/131,829A
; CURRENT FILING DATE: 2002-04-27
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-131-829A-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCGTGGGGAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAACCCCTCCGAGAAAACAGCAACAGCTGAGCTGCTGTGACAGAG 60

Qy 61 GGGAAACAAGATGGCGGCGCCGAGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120

Qy 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCATGGCCCTTGGCCGGAGGTTTCGGGACCCGCTTCGGCTGAAGCA 180

Qy 181 TTTGACTCGGCTTGGGTGATACGGCGCTTTGCCACCGGGCTGTGAGTTGACCTACCC 240
Db 181 TTTGACTCGGCTTGGGTGATACGGCGCTTTGCCACCGGGCTGTGAGTTGACCTACCC 240

Qy 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGGCATGTGACAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCTAAGGAAGAGGAGTTGTACGGCATGTGACAGAGGTTGCAGGCTGTTT 300

Qy 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATTGTGAA 360
Db 301 TCAATTTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAACTAAATTGGAATTGTGAA 360

Qy 361 TCTGCATGTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420
Db 361 TCTGCATGTACAGAGCATATTCCCAATCTGATGAGCAATATGCTTCCCATCTTGGTTGC 420

Qy 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480
Db 421 CAGAATCAGCTGCCATTCGCTGAACCTGAGACAAGAACAACTTATGTCCCTGATGCCAAA 480

Qy 481 ATGCACCTACTCTTCTCTAACTCTGGTGGGTCATCTGAGTGCATGATGAGTCC 540
Db 481 ATGCACCTACTCTTCTCTAACTCTGGTGGGTCATCTGAGTGCATGATGAGTCC 540

Qy 541 GCACAGAGCTTCATAACCTCTTCAAGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCAAGGACTTTTATCTTCAAGCCGATGACGGAAAAATA 600

Qy 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAATCCAGTACGCCACCACTTTGGAGCAGGAGCTACA 660

Qy 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTGAGAGAAATCATCTCTAAGCAAAATGTCTATCTGCAAAATGAGAAATTCACAAGCG 720

Qy 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGTGGCTTTTAAAGATGCCCTCTCTCTTAAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGTGGCTTTTAAAGATGCCCTCTCTCTTAAAC 780

Qy 781 TCTGGTGGATTTTAACTACAACCTTGTCTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGTGGATTTTAACTACAACCTTGTCTCTCTCGGTGATGGTATTGCTTTGGATTGT 840

Qy 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900

Qy 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTTGTG 960

Qy 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAAACCTGAAGATCATGAAGAGCAGGCGCTCTACCTACAAAAGTGAAT 1020

Qy 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080

Qy 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTCATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAATGGTTCATTGGATATAGGCCCTTAAGAAATCA 1140

Qy 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAATAAAGTTACTCAAAATCTGTG 1174

RESULT 157
US-10-131-836A-271
; Sequence 271, Application US/10131836A
; Publication No. US20030082706A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C135
; CURRENT APPLICATION NUMBER: US/10/131,836A
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117

```

; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-131-836A-271

Query Match      100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGTGTGACAGAG 60

QY 61 GGGAAACAAGATGGCGGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGGAAGGGAGCCCTCTGGGTGAGGACCCCAACTGGGGCTCCCG 120

QY 121 CCGCTGCTGCTGTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGTGACCATGGCCTTGGCCGGAGGTTCCGGGACCGCTTCGGCTGAAGCA 180

QY 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTGAGTTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATACGGCGTCTTGCCACCGGGCCCTGTGAGTTGACCTACCCC 240

QY 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGATGTCAGAGAGGTTGCAGGCTGTTT 300
Db 241 TTGCACACCTACCCCTAAGGAAGAGGAGTTGTACGATGTCAGAGAGGTTGCAGGCTGTTT 300

QY 301 TCAATTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAATTAATGGAATGTGAA 360
Db 301 TCAATTGTGTCAGTTTGTGGATGATGGAATTGACTTAAATCGAATTAATGGAATGTGAA 360

QY 361 TCTGATGTACAGAAGCATATCCCAATCTGATGAGAATATGCTTGCCATCTTGTTGC 420
Db 361 TCTGATGTACAGAAGCATATCCCAATCTGATGAGAATATGCTTGCCATCTTGTTGC 420

QY 421 CAGAAFCAGCTGCCATTCCGTGAACCTGAGACAAGAACAACTTAATGTCCTGATGCCAAA 480
Db 421 CAGAAFCAGCTGCCATTCCGTGAACCTGAGACAAGAACAACTTAATGTCCTGATGCCAAA 480

QY 481 ATGCACCTACTCTTTCCTCTAACTCTGGTGAGGTCACTCTGGAGTGACATGAGACTCC 540
Db 481 ATGCACCTACTCTTTCCTCTAACTCTGGTGAGGTCACTCTGGAGTGACATGAGACTCC 540

QY 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACTTTTATCTTCAAGCCGATGACGGAAAATA 600

QY 601 GTTATATCCAGTCTAAGCCAGAAAATCCAGTACGCCACACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATCCAGTCTAAGCCAGAAAATCCAGTACGCCACACATTTGGAGCAGGAGCCTACA 660

QY 661 AATTTGAGAGAATCATCTCTAAGCAAAAATGTCCCTATCTGCAATGAGAATTCACAAGCG 720
Db 661 AATTTGAGAGAATCATCTCTAAGCAAAAATGTCCCTATCTGCAATGAGAATTCACAAGCG 720

QY 721 CACAGGAATTTCTTGAAGATGAGAAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGAGAAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
```

```

Db 721 CACAGGAATTTCTTGAAGATGGAAGAAAGTGATGGCTTTTAAAGATGCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTAACTCTTGTCTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTAACTCTTGTCTCTCTCGGTGATGGTATTGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGTGAGAAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGTGAGAAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTAAACAGATATCCAGCTTCTTCTCTGTG 960
QY 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACCTGAAGATCATGAAGAAGCAGGGCCTCTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
Db 1021 CTTGCTCATTCTGAAATTTAAGCATTTTCTTTTAAAGACAAGTGTAAATAGACATCTAA 1080
QY 1081 AATTCCACTCCTCATAGAGCTTTTAAAAATGGTTTCAATTGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCCACTCCTCATAGAGCTTTTAAAAATGGTTTCAATTGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAAATGCAAAATAAAGTTACTTCAAAATCTGTG 1174
Db 1141 CTATAAAATGCAAAATAAAGTTACTTCAAAATCTGTG 1174

RESULT 158
US-10-146-729-271
; Sequence 271, Application US/10146729
; Publication No. US20030082708A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C318
; CURRENT APPLICATION NUMBER: US/10/146,729
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-146-729-271
```

```

Query Match      100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTCCGAGAAAACAGCAACAAGCTGAGCTGTGTGACAGAG 60
```


Db 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAAGAAACAACTTATGTCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGTCACTCTGGAGTGACATGATGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTAACTCTGGTGAGTCACTCTGGAGTGACATGATGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCATGGACCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCATGGACCTTTTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTGGAGCAGGAGCCTACA 660
QY 661 AATTTGAGAGAAATCATCTTAAGCAAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTTAAGCAAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
Db 721 CACAGGAATTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCCCTCTCTCTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGCTCTCGGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTCTTGCTCTCGGTGATGGTATGCTTTGGATTGT 840
QY 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
Db 841 TGTGCAACTGTTGCTACAGCTGTGGAGCAGTATGTTCCCTCTGAGAGCTGAGTATCTAT 900
QY 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTTTGTG 960
Db 901 GGTGACTTGGAGTTTATGAATGAACAAAAGCTTAAACAGATATCCAGCTTCTTCTTTGTG 960
QY 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTTACCTACAAAAGTGAAT 1020
Db 961 GTTGTAGATCTAAACTGAAGATCATGAAGAGCAGGGCCCTTACCTACAAAAGTGAAT 1020
QY 1021 CTTGCTCATTCGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
Db 1021 CTTGCTCATTCGAAATTTAAGCATTTTCTTTTAAAGACAAAGTGAATAGACATCTAA 1080
QY 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
Db 1081 AATTCACCTCCTCATAGAGCTTTTAAATGGTTTCAATGGATATAGGCCCTTAAGAAATCA 1140
QY 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174
Db 1141 CTATAAATGCAAAATAAAGTTACTCAAATCTGTG 1174

RESULT 160

US-10-147-484-271
; Sequence 271, Application US/10147484
; Publication No. US20030082710A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C328
; CURRENT APPLICATION NUMBER: US/10/147,484
; CURRENT FILING DATE: 2002-05-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 271
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-147-484-271

Query Match 100.0%; Score 1174; DB 15; Length 1174;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG 60
Db 1 CGGACGCGTGGGGAAACCCCTTCCGAGAAAAACAGCAAAAGCTGAGCTGCTGTGACAGAG 60
QY 61 GGGAAACAAGATGGCGGCGCCGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
Db 61 GGGAAACAAGATGGCGGCGCCGAGGGGAGCCCTCTGGGTGAGGACCCAACTGGGGCTCCCG 120
QY 121 CCGCTGCTGCTGCTGACCAATGCGCTTGGCCGAGGCTTGGGGGACCGCTTCGGCTGAAGCA 180
Db 121 CCGCTGCTGCTGCTGACCAATGCGCTTGGCCGAGGCTTGGGGGACCGCTTCGGCTGAAGCA 180
QY 181 TTTGACTCGGTCTTGGGTGATAGCGGCTTGGCCACCGGGCCCTGTCACTGACCTACCCC 240
Db 181 TTTGACTCGGTCTTGGGTGATAGCGGCTTGGCCACCGGGCCCTGTCACTGACCTACCCC 240
QY 241 TTGCACACCTACCTTAAGAAAGAGGAGTTGTACGATGTCAAGAGGTTGAGGCTGTTT 300
Db 241 TTGCACACCTACCTTAAGAAAGAGGAGTTGTACGATGTCAAGAGGTTGAGGCTGTTT 300
QY 301 TCAATTTGTCAAGTTTGTGGATGATGAAATTGACTTAAATCGAACTAAATGGAAATGTGA 360
Db 301 TCAATTTGTCAAGTTTGTGGATGATGAAATTGACTTAAATCGAACTAAATGGAAATGTGA 360
QY 361 TCTGATGTACAGAGCATATTCCTAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
Db 361 TCTGATGTACAGAGCATATTCCTAATCTGATGAGCAATATGTTGCCATCTTGGTTGC 420
QY 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAAGAACTTATGTCCTGATGCCAAAA 480
Db 421 CAGAAATCAGCTGCCATTCGCTGAACCTGAGACAAAGAACTTATGTCCTGATGCCAAAA 480
QY 481 ATGCACCTACTCTTTCTCTTAACTCTGGTGAGGTCATTTGGAGTGACATGAGGACTCC 540
Db 481 ATGCACCTACTCTTTCTCTTAACTCTGGTGAGGTCATTTGGAGTGACATGAGGACTCC 540
QY 541 GCACAGAGCTTCATAACCTCTTCAAGCAAAATGTCCTATCTTCAAGCCGATGACGGAAAAATA 600
Db 541 GCACAGAGCTTCATAACCTCTTCAAGCAAAATGTCCTATCTTCAAGCCGATGACGGAAAAATA 600
QY 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTGGAGCAGGAGCCTACA 660
Db 601 GTTATATTCAGTCTAAGCCAGAAATCCAGTACGCCACCACATTTGGAGCAGGAGCCTACA 660
QY 661 AATTTGAGAGAAATCATCTTCAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
Db 661 AATTTGAGAGAAATCATCTTCAAGCAAAATGTCCTATCTGCAAAATGAGAAATTCACAAGCG 720
QY 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCCCTCTCTTTAAC 780
Db 721 CACAGGAATTTTCTTGAAGATGGAGAAAGTGAATGGCTTTTAAAGATGCCCTCTCTTTAAC 780
QY 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840
Db 781 TCTGGGTGGATTTTAACTACAACCTCTTGTCTCTCGGTGATGGTATGCTTTGGATTGT 840

